

10/028,946

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(FILE 'HOME' ENTERED AT 09:02:34 ON 21 NOV 2003)

FILE 'MEDLINE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH, HCAPLUS, NTIS, LIFESCI' ENTERED AT 09:02:56 ON 21 NOV 2003

L1 1138365 S KINASE?  
L2 405905 S HUMAN AND L1  
L3 6245110 S CLON? OR RECOMBINANT OR EXPRESS?  
L4 196067 S L2 AND L3  
L5 2765686 S TESTIS OR INTESTIN? OR KIDN?  
L6 2489742 S CARCINOMA OR EMBRYO?  
L7 15310 S L4 AND L5  
L8 33292 S L4 AND L6  
L9 42982 S L7 OR L8  
L10 1435 S HUMAN(A) L1  
L11 955 S L3 AND L10  
L12 239 S L9 AND L11  
L13 188 DUP REM L12 (51 DUPLICATES REMOVED)  
E YU X/AU  
L14 1849 S E3  
E MIRANDA M/AU  
L15 1081 S E3  
E FRIDDLE C J/AU  
L16 89 S E3-E6  
L17 3007 S L14 OR L15 OR L16  
L18 11 S L9 AND L17  
L19 7 DUP REM L18 (4 DUPLICATES REMOVED)

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NEWS 6 AUG 18 Data available for download as a PDF in RDISCLOSURE  
NEWS 7 AUG 18 Simultaneous left and right truncation added to PASCAL  
NEWS 8 AUG 18 FROSTI and KOSMET enhanced with Simultaneous Left and Right  
Truncation  
NEWS 9 AUG 18 Simultaneous left and right truncation added to ANABSTR  
NEWS 10 SEP 22 DIPPR file reloaded  
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NEWS 12 SEP 29 DISSABS now available on STN  
NEWS 13 OCT 10 PCTFULL: Two new display fields added  
NEWS 14 OCT 21 BIOSIS file reloaded and enhanced  
NEWS 15 OCT 28 BIOSIS file segment of TOXCENTER reloaded and enhanced  
  
NEWS EXPRESS NOVEMBER 14 CURRENT WINDOWS VERSION IS V6.01c, CURRENT  
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),  
AND CURRENT DISCOVER FILE IS DATED 23 SEPTEMBER 2003  
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=> s kinase?  
L1 1138365 KINASE?

=> s human and l1  
L2 405905 HUMAN AND L1

=> s clon or recombinant or express?  
OR IS NOT A RECOGNIZED COMMAND  
The previous command name entered was not recognized by the system.  
For a list of commands available to you in the current file, enter  
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=> s clon? or recombinant or express?  
5 FILES SEARCHED...  
L3 6245110 CLON? OR RECOMBINANT OR EXPRESS?

=> s l2 and l3  
L4 196067 L2 AND L3

=> s testis or intestin? or kidn?  
L5 2765686 TESTIS OR INTESTIN? OR KIDN?

=> s carcinoma or embryo?  
L6 2489742 CARCINOMA OR EMBRYO?

=> s l5 or l6  
COMMAND INTERRUPTED  
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Desk by telephone or via SEND in the STNMAIL file.

=> s l4 and l5  
L7 15310 L4 AND L5

=> s l4 and l6  
L8 33292 L4 AND L6

=> s l7 or l8

L9 42982 L7 OR L8

=> d his

(FILE 'HOME' ENTERED AT 09:02:34 ON 21 NOV 2003)

FILE 'MEDLINE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH, HCAPLUS, NTIS, LIFESCI' ENTERED AT 09:02:56 ON 21 NOV 2003

L1 1138365 S KINASE?  
L2 405905 S HUMAN AND L1  
L3 6245110 S CLON? OR RECOMBINANT OR EXPRESS?  
L4 196067 S L2 AND L3  
L5 2765686 S TESTIS OR INTESTIN? OR KIDN?  
L6 2489742 S CARCINOMA OR EMBRYO?  
L7 15310 S L4 AND L5  
L8 33292 S L4 AND L6  
L9 42982 S L7 OR L8

=> s human(a)l1

L10 1435 HUMAN(A) L1

=> s l3 and l10

L11 955 L3 AND L10

=> s l9 and l11

L12 239 L9 AND L11

=> dup rem l12

PROCESSING COMPLETED FOR L12

L13 188 DUP REM L12 (51 DUPLICATES REMOVED)

=> d 1-188 ibib

L13 ANSWER 1 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN DUPLICATE 1

ACCESSION NUMBER: 2003:187091 HCAPLUS

DOCUMENT NUMBER: 138:219713

TITLE: Differentially expressed gene expression profiles in human glomerular diseases

INVENTOR(S): Munger, William E.; Falk, Ronald; Sun, Hongwei; Sasai, Hitoshi; Waga, Iwao; Yamamoto, Jun

PATENT ASSIGNEE(S): Gene Logic, Inc., USA; University of North Carolina At Chapel Hill

SOURCE: PCT Int. Appl., 781 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 9

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003016476	A2	20030227	WO 2002-XH25766	20020814
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
WO 2003016476	A2	20030227	WO 2002-US25766	20020814

WO 2003016476 A3 20030508

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,  
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,  
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,  
PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,  
UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD,  
RU, TJ, TM  
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,  
CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,  
PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,  
NE, SN, TD, TG

PRIORITY APPLN. INFO.:

US 2001-311837P P 20010814

WO 2002-US25766 A 20020814

L13 ANSWER 2 OF 188 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT/ISI on STN

ACCESSION NUMBER: 2003-25729 BIOTECHDS

TITLE: New peptides related to **kinase** protein subfamily  
useful for treating disorders associated with abnormal  
**expression** of **kinase** protein in  
**testis**, nervous tissue, fetal, lung, ovary tumor  
tissue;

**recombinant** enzyme protein production via  
plasmid **expression** in host cell for use in  
disease therapy and gene therapy

AUTHOR: YAN C; GAN W

PATENT ASSIGNEE: APPLERA CORP

PATENT INFO: WO 2003076577 18 Sep 2003

APPLICATION INFO: WO 2003-US6666 5 Mar 2003

PRIORITY INFO: US 2002-361339 5 Mar 2002; US 2002-361339 5 Mar 2002

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: WPI: 2003-722329 [68]

L13 ANSWER 3 OF 188 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT/ISI on STN

ACCESSION NUMBER: 2003-16199 BIOTECHDS

TITLE: New **human kinases** and phosphatases and  
polynucleotides, useful for diagnosing, treating or  
preventing autoimmune or inflammatory disorders (e.g. AIDS,  
allergy or anemia), multiple sclerosis, osteoarthritis,  
cancer or hepatitis;  
vector-mediated gene transfer and **expression** in  
host cell for **recombinant** protein production,  
hybridoma cell culture for monoclonal antibody production  
and DNA microarray for disease diagnosis and therapy

AUTHOR: BANDMAN O; BAUGHN M R; BECHA S D; BOROWSKY M L; DUGGAN B M;  
EMERLING B M; FORSYTHE I J; GANDHI A R; GORVAD A E; GRIFFIN J  
A; GURURAJAN R; HAFALIA A J A; KHAN F A; LAL P G; LEE E A;  
LEE S Y; LINDQUIST E A; LU D A M; LU Y; MARQUIS J P; NGUYEN D  
B; ARVIZU C S; RAMKUMAR J; RECIPON S A; RICHARDSON T W;  
SWARNAKAR A; TANG Y T; THORNTON M B; TRAN U K; CHAWLA N K;  
WARREN B A; YANG J; YAO M G; YUE H; ZEBARJADIAN Y

PATENT ASSIGNEE: INCYTE GENOMICS INC

PATENT INFO: WO 2003033680 24 Apr 2003

APPLICATION INFO: WO 2002-US33723 17 Oct 2002

PRIORITY INFO: US 2001-334288 30 Nov 2001; US 2001-345474 19 Oct 2001

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: WPI: 2003-403214 [38]

L13 ANSWER 4 OF 188 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT/ISI on STN

ACCESSION NUMBER: 2003-11176 BIOTECHDS

TITLE: New **human kinases** and phosphatases and  
polynucleotides, useful for diagnosing, treating or

preventing autoimmune or inflammatory disorders (e.g. AIDS, allergy or anemia), multiple sclerosis, osteoarthritis, cancer or hepatitis;

vector-mediated **human kinase** and  
phosphatase gene transfer and **expression** in host  
cell for **recombinant** protein production, drug  
screening and gene therapy

AUTHOR: BAUGHN M R; YUE H; WALIA N K; HE A; AU-YOUNG J K; LEE S Y;  
GIETZEN K J; LAL P G; ELLIOTT V S; ISON C H; YANG J; LEE E A;  
LI J X; EMERLING B M; RICHARDSON T W; WARREN B A; HAFALIA A J  
A; MARQUIS J P  
PATENT ASSIGNEE: INCYTE GENOMICS INC  
PATENT INFO: WO 2003012065 13 Feb 2003  
APPLICATION INFO: WO 2002-US24521 1 Aug 2002  
PRIORITY INFO: US 2002-375539 24 Apr 2002; US 2001-309627 2 Aug 2001  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2003-239519 [23]

L13 ANSWER 5 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 2003:590937 HCAPLUS

DOCUMENT NUMBER: 139:143886

TITLE: Method for identifying compounds to treat urological  
disorders by measuring their effect on disease-related  
genes and proteins, and use of the identified  
compounds in treatment

INVENTOR(S): Silos-Santiago, Inmaculada; Karicheti, Venkateswarlu

PATENT ASSIGNEE(S): Millennium Pharmaceuticals, Inc., USA

SOURCE: PCT Int. Appl., 242 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003061573	A2	20030731	WO 2003-US1450	20030116
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
US 2003148394	A1	20030807	US 2003-345680	20030116
PRIORITY APPLN. INFO.:			US 2002-349511P	P 20020118
			US 2002-360500P	P 20020228
			US 2002-365041P	P 20020315
			US 2002-374063P	P 20020419
			US 2002-403468P	P 20020814
			US 2002-414262P	P 20020927
			US 2002-419986P	P 20021021
			US 2002-423809P	P 20021105
			US 2002-429797P	P 20021126

L13 ANSWER 6 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 2003:409169 HCAPLUS

DOCUMENT NUMBER: 138:380506

TITLE: Genes that are differentially expressed during

erythropoiesis and their diagnostic and therapeutic uses

INVENTOR(S): Brissette, William H.; Neote, Kuldeep S.; Zagouras, Panayiotis; Zenke, Martin; Lemke, Britt; Hacker, Christine

PATENT ASSIGNEE(S): Pfizer Products Inc., USA; Max-Delbruck-Centre for Molecular Medicine

SOURCE: PCT Int. Appl., 285 pp.  
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003038130	A2	20030508	WO 2002-XA34888	20021031
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
WO 2003038130	A2	20030508	WO 2002-US34888	20021031
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRIORITY APPLN. INFO.: US 2001-335048P P 20011031  
US 2001-335183P P 20011102  
WO 2002-US34888 A 20021031

L13 ANSWER 7 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 2003:282589 HCAPLUS

DOCUMENT NUMBER: 138:285610

TITLE: Classification of lung **carcinomas** by analysis of patterns of gene **expression**

INVENTOR(S): Golub, Todd; Meyerson, Matthew; Bhattacharjee, Arindham; Staunton, Jane

PATENT ASSIGNEE(S): Whitehead Institute for Biomedical Research, USA

SOURCE: PCT Int. Appl., 125 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003029273	A2	20030410	WO 2002-US30797	20020927
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,				

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 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,  
 PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,  
 UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD,  
 RU, TJ, TM  
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,  
 CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,  
 PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,  
 NE, SN, TD, TG

PRIORITY APPLN. INFO.:

US 2001-325962P P 20010928

L13 ANSWER 8 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 2003:221864 HCAPLUS

DOCUMENT NUMBER: 138:249732

TITLE: Gene **expression** profiling for identification  
 of disease genes for use in drug screening and therapy  
 INVENTOR(S): Bristow, Michael R.; Minobe, Wayne A.; Lowes, Brian  
 D.; Perryman, Benjamin M.

PATENT ASSIGNEE(S): The Regents of the University of Colorado, USA

SOURCE: PCT Int. Appl., 74 pp.

CODEN: PIXXD2

DOCUMENT TYPE:

Patent

LANGUAGE:

English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003023066	A1	20030320	WO 2002-US28808	20020911
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

US 2003096782 A1 20030522 US 2002-241368 20020911

PRIORITY APPLN. INFO.:

US 2001-318854P P 20010911

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 9 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 2003:97550 HCAPLUS

DOCUMENT NUMBER: 138:164674

TITLE: Molecular markers for hepatocellular **carcinoma**  
 and their use in diagnosis and therapy

INVENTOR(S): Debuschewitz, Sabine; Jobst, Juergen; Kaiser, Stephan

PATENT ASSIGNEE(S): Germany

SOURCE: PCT Int. Appl., 98 pp.

CODEN: PIXXD2

DOCUMENT TYPE:

Patent

LANGUAGE:

German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003010336	A2	20030206	WO 2002-EP8305	20020725
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,			



GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,  
 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,  
 PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,  
 UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU,  
 TJ, TM  
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,  
 CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,  
 PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,  
 NE, SN, TD, TG

DE 10136273 A1 20030213 DE 2001-10136273 20010725  
 PRIORITY APPLN. INFO.: DE 2001-10136273 A 20010725

L13 ANSWER 10 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 2003:76927 HCAPLUS

DOCUMENT NUMBER: 138:148728

TITLE: **Human** cDNAs for Elk-1 phosphorylation MAP  
**kinase** cascade-activating proteins and  
 diagnostic and therapeutic uses

INVENTOR(S): Matsuzaki, Osamu; Matsuda, Akio; Nagano, Yukiko;  
 Suzuki, Naomi

PATENT ASSIGNEE(S): Asahi Kasei Kabushiki Kaisha, Japan

SOURCE: PCT Int. Appl., 764 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003008589	A1	20030130	WO 2002-JP7174	20020715

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,  
 CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,  
 GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,  
 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,  
 PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,  
 UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU,  
 TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,  
 CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,  
 PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,  
 NE, SN, TD, TG

US 2003092037 A1 20030515 US 2002-197666 20020718  
 PRIORITY APPLN. INFO.: JP 2001-218204 A 20010718

JP 2001-263450 A 20010831

JP 2002-12176 A 20020121

US 2001-305884P P 20010718

US 2001-316304P P 20010904

US 2002-350027P P 20020123

REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 11 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 2003:58211 HCAPLUS

DOCUMENT NUMBER: 138:119115

TITLE: **Human** glypican genes and proteins in insulin  
 receptor family receptor tyrosine **kinase** and  
 cyclin-dependent **kinase** inhibitor p21  
 pathways and methods of cancer diagnosis and treatment

INVENTOR(S): Friedman, Lori; Plowman, Gregory D.; Kadyk, Lisa C.;  
 Li, Danxi; Funke, Roel P.

PATENT ASSIGNEE(S): Exelixis, Inc., USA

SOURCE: PCT Int. Appl., 83 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003006611	A2	20030123	WO 2002-US21694	20020710
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRIORITY APPLN. INFO.: US 2001-305016P P 20010712  
US 2001-328507P P 20011010

L13 ANSWER 12 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 2003:58130 HCAPLUS  
DOCUMENT NUMBER: 138:121633  
TITLE: **Human** anti-erbB2 receptor miniantibody scFv for treating tumor **expressing** erbb2 receptor  
INVENTOR(S): D'Alessio, Giuseppe; Piccoli, Renata; De Lorenzo, Claudia; Palmer, Donald Balfour; Ritter, Mary Alice  
PATENT ASSIGNEE(S): Universita Degli Studi di Napoli Federico II, Italy  
SOURCE: PCT Int. Appl., 47 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003006509	A2	20030123	WO 2002-EP7671	20020710
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRIORITY APPLN. INFO.: IT 2001-RM408 A 20010710

L13 ANSWER 13 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 2003:684933 HCAPLUS  
DOCUMENT NUMBER: 139:320853  
TITLE: Identification and Characterization of Two Splice Variants of **Human** Diacylglycerol **Kinase** .eta.  
AUTHOR(S): Murakami, Tomohiro; Sakane, Fumio; Imai, Shin-Ichi; Houkin, Kiyohiro; Kanoh, Hideo  
CORPORATE SOURCE: Department of Biochemistry, Sapporo Medical University, Sapporo, 060-8556, Japan  
SOURCE: Journal of Biological Chemistry (2003), 278(36),

34364-34372  
CODEN: JBCHA3; ISSN: 0021-9258  
PUBLISHER: American Society for Biochemistry and Molecular  
Biology  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 14 OF 188 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN  
DUPLICATE 2  
ACCESSION NUMBER: 2003:257340 BIOSIS  
DOCUMENT NUMBER: PREV200300257340  
TITLE: SKIP3, a novel Drosophila tribbles ortholog, is  
overexpressed in **human** tumors and is regulated by  
hypoxia.  
AUTHOR(S): Bowers, Alex J.; Scully, Sheila; Boylan, John F. [Reprint  
Author]  
CORPORATE SOURCE: Department of Cancer Biology, Amgen Inc., One Amgen Center  
Drive, Thousand Oaks, CA, 91320, USA  
jboylan@amgen.com  
SOURCE: Oncogene, (8 May 2003) Vol. 22, No. 18, pp. 2823-2835.  
print.  
ISSN: 0950-9232 (ISSN print).  
DOCUMENT TYPE: Article  
LANGUAGE: English  
ENTRY DATE: Entered STN: 4 Jun 2003  
Last Updated on STN: 4 Jun 2003

L13 ANSWER 15 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 2003:281418 HCAPLUS  
DOCUMENT NUMBER: 139:131068  
TITLE: Felic (CIP4b), a novel binding partner with the Src  
**kinase** Lyn and Cdc42, localizes to the  
phagocytic cup  
AUTHOR(S): Dombrosky-Ferlan, Patrice; Grishin, Anatoly; Botelho,  
Roberto J.; Sampson, Matthew; Wang, Lin; Rudert,  
William A.; Grinstein, Sergio; Corey, Seth J.  
CORPORATE SOURCE: Department of Pediatrics, University of Pittsburgh,  
PA, USA  
SOURCE: Blood (2003), 101(7), 2804-2809  
CODEN: BLOOAW; ISSN: 0006-4971  
PUBLISHER: American Society of Hematology  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 38 THERE ARE 38 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 16 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 2003:335547 HCAPLUS  
DOCUMENT NUMBER: 139:82929  
TITLE: The protein **kinase** Akt induces epithelial  
mesenchymal transition and promotes enhanced motility  
and invasiveness of squamous cell **carcinoma**  
lines  
AUTHOR(S): Grille, Sylvia Julien; Bellacosa, Alfonso; Upson,  
John; Klein-Szanto, Andres J.; van Roy, Frans;  
Lee-Kwon, Whaseon; Donowitz, Mark; Tsichlis, Philip  
N.; Larue, Lionel  
CORPORATE SOURCE: Developmental Genetics of Melanocytes, UMR 146 CNRS,  
Institut Curie, Orsay, 91405, Fr.  
SOURCE: Cancer Research (2003), 63(9), 2172-2178  
CODEN: CNREA8; ISSN: 0008-5472  
PUBLISHER: American Association for Cancer Research

DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 63 THERE ARE 63 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 17 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 2003:616775 HCAPLUS  
DOCUMENT NUMBER: 139:290011  
TITLE: **Human** invasive trophoblasts transformed with  
simian virus 40 provide a new tool to study the role  
of PPAR.gamma. in cell invasion process  
AUTHOR(S): Pavan, Laetitia; Tarrade, Anne; Hermouet, Axelle;  
Delouis, Claude; Titeux, Mattias; Vidaud, Michel;  
Therond, Patrice; Evain-Brion, Daniele; Fournier,  
Thierry  
CORPORATE SOURCE: Faculte des Sciences Pharmaceutiques et Biologiques,  
INSERM U427, Universite Rene Descartes, Paris,  
F-75006, Fr.  
SOURCE: Carcinogenesis (2003), 24(8), 1325-1336  
CODEN: CRNGDP; ISSN: 0143-3334  
PUBLISHER: Oxford University Press  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 63 THERE ARE 63 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 18 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 2003:230649 HCAPLUS  
DOCUMENT NUMBER: 138:383433  
TITLE: Skeletal muscle repair by adult **human**  
mesenchymal stem cells from synovial membrane  
AUTHOR(S): De Bari, Cosimo; Dell'Accio, Francesco; Vandenabeele,  
Frank; Vermeesch, Joris R.; Raymackers, Jean-Marc;  
Luyten, Frank P.  
CORPORATE SOURCE: Laboratory for Skeletal Development and Joint  
Disorders, Department of Rheumatology, University  
Hospitals, Katholieke Universiteit Leuven, Louvain,  
3000, Belg.  
SOURCE: Journal of Cell Biology (2003), 160(6), 909-918  
CODEN: JCLBA3; ISSN: 0021-9525  
PUBLISHER: Rockefeller University Press  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 19 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 2002:981604 HCAPLUS  
DOCUMENT NUMBER: 139:18966  
TITLE: Identification of residues which regulate activity of  
the STE20-related **kinase** hMINK  
AUTHOR(S): Lim, Jaeseung; Lennard, Andrew; Sheppard, Paul W.;  
Kellie, Stuart  
CORPORATE SOURCE: Yamanouchi Research Institute, Oxford, OX4 4SX, UK  
SOURCE: Biochemical and Biophysical Research Communications  
(2003), 300(3), 694-698  
CODEN: BBRC9; ISSN: 0006-291X  
PUBLISHER: Elsevier Science  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 20 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 2003:745541 HCAPLUS  
 DOCUMENT NUMBER: 139:335929  
 TITLE: LPP, a LIM protein highly **expressed** in smooth muscle  
 AUTHOR(S): Gorenne, Isabelle; Nakamoto, Robert K.; Phelps, Clayton P.; Beckerle, Mary C.; Somlyo, Avril V.; Somlyo, Andrew P.  
 CORPORATE SOURCE: Department of Molecular Physiology and Biological Physics, University of Virginia, Charlottesville, VA, 22908, USA  
 SOURCE: American Journal of Physiology (2003), 285(3, Pt. 1), C674-C685  
 CODEN: AJPHAP; ISSN: 0002-9513  
 PUBLISHER: American Physiological Society  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 42 THERE ARE 42 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 21 OF 188 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT/ISI on STN  
 ACCESSION NUMBER: 2003-16791 BIOTECHDS  
 TITLE: A combination of plasmid DNAs encoding murine fetal liver **kinase** 1 extracellular domain, murine interleukin-12, and murine interferon-gamma inducible protein-10 leads to tumor regression and survival in melanoma-bearing mice; plasmid-mediated gene transfer, **expression** in mouse melanoma cell useful for tumor and leukemia therapy  
 AUTHOR: LADELL K; HEINRICH J; SCHWENEKER M; MOELLING K  
 CORPORATE SOURCE: Univ Zurich  
 LOCATION: Moelling K, Univ Zurich, Inst Med Virol, Gloriastr 30, CH-8028 Zurich, Switzerland  
 SOURCE: JOURNAL OF MOLECULAR MEDICINE-JMM; (2003) 81, 4, 271-278  
 ISSN: 0946-2716  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

L13 ANSWER 22 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
 ACCESSION NUMBER: 2003:83930 HCAPLUS  
 DOCUMENT NUMBER: 139:34158  
 TITLE: The **kinase** domain of MEKK1 induces apoptosis by dysregulation of MAP **kinase** pathways  
 AUTHOR(S): Boldt, Simone; Weidle, Ulrich H.; Kolch, Walter  
 CORPORATE SOURCE: Cancer Research UK, Beatson Institute for Cancer Research, Glasgow, G61 1BD, UK  
 SOURCE: Experimental Cell Research (2003), 283(1), 80-90  
 CODEN: ECREAL; ISSN: 0014-4827  
 PUBLISHER: Elsevier Science  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 48 THERE ARE 48 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 23 OF 188 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN  
 ACCESSION NUMBER: 2003:352548 BIOSIS  
 DOCUMENT NUMBER: PREV200300352548  
 TITLE: Quantitative RT-PCR reveals a ubiquitous but preferentially neural **expression** of the KIS gene in rat and **human**.  
 AUTHOR(S): Bieche, Ivan; Manceau, Valerie; Curmi, Patrick A.; Laurendeau, Ingrid; Lachkar, Sylvie; Leroy, Karen; Vidaud, Dominique; Sobel, Andre; Maucuer, Alexandre [Reprint Author]  
 CORPORATE SOURCE: U440 INSERM/UPMC, Institut du Fer a Moulin, 17, Rue du Fer a Moulin, 75005, Paris, France

maucuer@ifm.inserm.fr  
SOURCE: Molecular Brain Research, (26 May, 2003) Vol. 114, No. 1,  
pp. 55-64. print.  
ISSN: 0169-328X (ISSN print).  
DOCUMENT TYPE: Article  
LANGUAGE: English  
ENTRY DATE: Entered STN: 30 Jul 2003  
Last Updated on STN: 30 Jul 2003

L13 ANSWER 24 OF 188 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT/ISI on STN  
ACCESSION NUMBER: 2003-07390 BIOTECHDS

TITLE: Novel **human kinase** protein  
**expressed** in lung **carcinoma** and placenta is  
useful to diagnose and treat diseases and disorders  
associated with **expression** or activity of the  
protein;  
**recombinant** protein production and its encoding  
gene useful for gene therapy and diagnosis  
AUTHOR: WEBSTER M; YAN C; DI FRANCESCO V; BEASLEY E M  
PATENT ASSIGNEE: PE CORP NY  
PATENT INFO: WO 2002081727 17 Oct 2002  
APPLICATION INFO: WO 2002-US10156 2 Apr 2002  
PRIORITY INFO: US 2001-873404 5 Jun 2001; US 2001-824583 3 Apr 2001  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2003-058562 [05]

L13 ANSWER 25 OF 188 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT/ISI on STN  
ACCESSION NUMBER: 2003-09273 BIOTECHDS

TITLE: New isolated MLK7 polynucleotide and polypeptide, useful for  
the diagnosis or treatment of disorders with aberrant  
**expression** or activity of the MLK7 polypeptide, such  
as cancer, neurodegenerative disorders and inflammation;  
plasmid pcDNA6-V5His or virus vector-mediated gene  
transfer and **expression** in bacterium, yeast,  
insect or mammal cell for **recombinant** protein  
production for use in disease diagnosis and therapy  
AUTHOR: ANGELES T S; DURKIN J T; HOLSKIN B P; MEYER S L; SPAIS C M  
PATENT ASSIGNEE: CEPHALON INC  
PATENT INFO: WO 2002095017 28 Nov 2002  
APPLICATION INFO: WO 2002-US16387 23 May 2002  
PRIORITY INFO: US 2001-293381 24 May 2001; US 2001-293381 24 May 2001  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2003-148466 [14]

L13 ANSWER 26 OF 188 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT/ISI on STN  
ACCESSION NUMBER: 2003-06755 BIOTECHDS

TITLE: New peptides related to calcium/calmodulin-dependent protein  
**kinase** subfamily useful for treating disorders  
associated with abnormal **expression** of  
**kinase** in fetal brain, **testis**, lung small  
cell **carcinoma**, uterus adenocarcinoma;  
vector-mediated **recombinant** protein gene  
transfer and **expression** in host cell for use in  
drug screening, gene therapy and pharmacogenetics  
AUTHOR: SHAO W; MERKULOV G V; DI FRANCESCO V  
PATENT ASSIGNEE: PE CORP NY; BEASLEY E M  
PATENT INFO: WO 2002079431 10 Oct 2002  
APPLICATION INFO: WO 2002-US9744 1 Apr 2002  
PRIORITY INFO: US 2001-820790 30 Mar 2001; US 2001-820790 30 Mar 2001  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2003-046806 [04]

L13 ANSWER 27 OF 188 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT/ISI on STN  
ACCESSION NUMBER: 2003-06722 BIOTECHDS  
TITLE: New peptides related to P2X-like purigenic receptor  
subfamily, useful for treating disorders associated with  
abnormal **expression** of protease in anaplastic  
oligodendroglioma, leukemia, carcinoid lung, or large cell  
lung **carcinoma**;  
**recombinant** protein production, transgenic  
animal and drug screening useful for gene therapy,  
functional genomics and pharmacogenomics analysis  
AUTHOR: WEI M; GONG F; DI FRANCESCO V; BEASLEY E M  
PATENT ASSIGNEE: PE CORP NY  
PATENT INFO: WO 2002079229 10 Oct 2002  
APPLICATION INFO: WO 2002-US9545 28 Mar 2002  
PRIORITY INFO: US 2001-820095 29 Mar 2001; US 2001-820095 29 Mar 2001  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2003-040648 [03]

L13 ANSWER 28 OF 188 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT/ISI on STN  
ACCESSION NUMBER: 2003-06598 BIOTECHDS  
TITLE: New **human kinase** protein, useful for  
treating or diagnosing disorders associated with an absence  
of, inappropriate, or unwanted **expression** of the  
protein, e.g. inflammation or cancer, in drug screening  
assays and pharmacogenomics;  
**recombinant** enzyme protein production via  
plasmid **expression** in host cell use in disease  
gene therapy  
AUTHOR: GAN W; YE J; DI FRANCESCO V; BEASLEY E M  
PATENT ASSIGNEE: PE CORP NY  
PATENT INFO: WO 2002077191 3 Oct 2002  
APPLICATION INFO: WO 2002-US9325 27 Mar 2002  
PRIORITY INFO: US 2001-3295 6 Dec 2001; US 2001-817180 27 Mar 2001  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2003-029927 [02]

L13 ANSWER 29 OF 188 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT/ISI on STN  
ACCESSION NUMBER: 2003-03168 BIOTECHDS  
TITLE: New **human** EGF-module-containing mucin-like hormone  
receptor 1 (EMR1) peptides and nucleic acid molecules useful  
for treating disorders associated with abnormal  
**expression** of EMR1 in **kidney** tumors, brain  
glioblastomas, leukocytes;  
**human recombinant** protein production,  
DNA chip and transgenic animal useful for disease gene  
therapy, tissue typing and pharmacogenomics  
AUTHOR: GONG F; KETCHUM K A; DI FRANCESCO V; BEASLEY E M  
PATENT ASSIGNEE: PE CORP NY  
PATENT INFO: WO 2002066644 29 Aug 2002  
APPLICATION INFO: WO 2002-US2627 31 Jan 2002  
PRIORITY INFO: US 2001-784317 16 Feb 2001; US 2001-784317 16 Feb 2001  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2002-674943 [72]

L13 ANSWER 30 OF 188 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT/ISI on STN  
ACCESSION NUMBER: 2003-01912 BIOTECHDS  
TITLE: New **human kinase** peptide and nucleic acid  
molecule, useful for treating disorders associated with  
abnormal **expression** of **kinase** protein,  
e.g. adenocarcinoma of uterus or lung, in drug screening

assays and pharmacogenomic analysis;  
vector-mediated **recombinant** protein gene  
transfer and **expression** in host cell for use in  
drug screening, pharmacogenetics and gene therapy

AUTHOR: YAN C; KETCHUM K; DI FRANCESCO V; BEASLEY E M  
PATENT ASSIGNEE: PE CORP NY  
PATENT INFO: WO 2002061060 8 Aug 2002  
APPLICATION INFO: WO 2002-US1106 17 Jan 2002  
PRIORITY INFO: US 2001-801861 9 Mar 2001; US 2001-265151 31 Jan 2001  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2002-608515 [65]

L13 ANSWER 31 OF 188 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT/ISI on STN  
ACCESSION NUMBER: 2003-00711 BIOTECHDS

TITLE: Isolated **human** SNF-kinase  
polynucleotides, useful for preventing, diagnosing and  
treating e.g. cancer, inflammation, immune disorders and  
disorders affecting growth and development;  
**recombinant** enzyme protein production and sense  
and antisense sequence use in disease therapy and gene  
therapy

AUTHOR: GUEGLER K; KETCHUM K A; DI FRANCESCO V; BEASLEY E M  
PATENT ASSIGNEE: PE CORP NY  
PATENT INFO: US 6410294 25 Jun 2002  
APPLICATION INFO: US 2000-734673 13 Dec 2000  
PRIORITY INFO: US 2000-734673 13 Dec 2000; US 2000-734673 13 Dec 2000  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2002-588889 [63]

L13 ANSWER 32 OF 188 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT/ISI on STN  
ACCESSION NUMBER: 2002-17807 BIOTECHDS

TITLE: Nucleic acid molecules encoding calcium/calmodulin-dependent  
protein **kinases**, useful for preventing diagnosing  
and treating e.g. cancers, psoriasis and inflammation;  
**recombinant** protein production by  
vector-mediated gene transfer and **expression** in  
host cell, useful for gene therapy

AUTHOR: YE J; YAN C; DI FRANCESCO V; BEASLEY E M  
PATENT ASSIGNEE: PE CORP NY  
PATENT INFO: US 6387677 14 May 2002  
APPLICATION INFO: US 2001-800960 8 Mar 2001  
PRIORITY INFO: US 2001-800960 8 Mar 2001  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2002-478444 [51]

L13 ANSWER 33 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 2002:615889 HCAPLUS

DOCUMENT NUMBER: 137:180730

TITLE: **Human** cDNA/DNA molecules and proteins  
encoded by them with enhanced **expression** in  
apoptosis-resistant cell **clones**, and use  
thereof in diagnosis, therapeutics and drug screening

INVENTOR(S): Ullrich, Axel; Abraham, Reimar  
PATENT ASSIGNEE(S): Max-Planck-Gesellschaft zur Foerderung der  
Wissenschaften e.V., Germany

SOURCE: PCT Int. Appl., 56 pp.  
CODEN: PIXXD2

DOCUMENT TYPE: Patent  
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:



PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002063037	A2	20020815	WO 2002-EP1073	20020201
WO 2002063037	A3	20031002		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2001-265631P P 20010202

L13 ANSWER 34 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 2002:575249 HCAPLUS

DOCUMENT NUMBER: 137:136141

TITLE: **Human** protein **kinase**, its cDNA and protein sequences, and use thereof

INVENTOR(S): Yu, Xuanchuan; Miranda, Maricar; Friddle, Carl Johan

PATENT ASSIGNEE(S): Lexicon Genetics Incorporated, USA

SOURCE: PCT Int. Appl., 50 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002059325	A2	20020801	WO 2001-US50497	20011220
WO 2002059325	A3	20030320		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

US 2002123622 A1 20020905 US 2001-28946 20011220

PRIORITY APPLN. INFO.: US 2000-258335P P 20001227

L13 ANSWER 35 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 2002:555634 HCAPLUS

DOCUMENT NUMBER: 137:120707

TITLE: Protein, gene and cDNA sequences of a novel **human kinase** protein related to receptor tyrosine **kinase** and their uses in drug screening

INVENTOR(S): Guegler, Karl; Webster, Marion; Di Francesco, Valentina; Beasley, Ellen M.

PATENT ASSIGNEE(S): PE Corporation, USA

SOURCE: PCT Int. Appl., 346 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002057432	A2	20020725	WO 2002-US112	20020102
WO 2002057432	A3	20030424		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 6630334	B1	20031007	US 2001-751389	20010102
US 2003175791	A1	20030918	US 2003-412277	20030414
PRIORITY APPLN. INFO.:			US 2001-751389	A 20010102

L13 ANSWER 36 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
 ACCESSION NUMBER: 2002:408781 HCAPLUS  
 DOCUMENT NUMBER: 137:2411  
 TITLE: Protein and cDNA sequences of **human kinase** sequence homologs  
 INVENTOR(S): Friddle, Carl Johan; Hilbun, Erin; Mathur, Brian; Turner, C. Alexander, Jr.  
 PATENT ASSIGNEE(S): Lexicon Genetics Incorporated, USA  
 SOURCE: PCT Int. Appl., 43 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002042438	A2	20020530	WO 2001-US43825	20011119
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2002028633	A5	20020603	AU 2002-28633	20011119
US 2002110908	A1	20020815	US 2001-992481	20011119
US 6593125	B2	20030715		
US 2003181705	A1	20030925	US 2003-434034	20030508
PRIORITY APPLN. INFO.:			US 2000-252011P	P 20001120
			US 2001-992481	A1 20011119
			WO 2001-US43825	W 20011119

L13 ANSWER 37 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
 ACCESSION NUMBER: 2002:391912 HCAPLUS  
 DOCUMENT NUMBER: 137:1836  
 TITLE: Measurement of DNA methylation for analysis of the toxicology of substances  
 INVENTOR(S): Olek, Alexander; Piepenbrock, Christian; Berlin, Kurt  
 PATENT ASSIGNEE(S): Epigenomics Ag, Germany  
 SOURCE: PCT Int. Appl., 113 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1

## PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002040710	A2	20020523	WO 2001-EP12951	20011108
WO 2002040710	A3	20030530		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10056802	A1	20020529	DE 2000-10056802	20001114
AU 2002023672	A5	20020527	AU 2002-23672	20011108
EP 1337668	A2	20030827	EP 2001-996625	20011108
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
PRIORITY APPLN. INFO.: DE 2000-10056802 A 20001114				
WO 2001-EP12951 W 20011108				

L13 ANSWER 38 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 2002:293825 HCAPLUS

DOCUMENT NUMBER: 136:321268

TITLE: Protein and cDNA sequences of **human**  
**kinase** sequence homologs

INVENTOR(S): Turner, C. Alexander, Jr.; Mathur, Brian

PATENT ASSIGNEE(S): Lexicon Genetics Incorporated, USA

SOURCE: PCT Int. Appl., 41 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

## PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002031129	A2	20020418	WO 2001-US32010	20011011
WO 2002031129	A3	20030206		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2002013183	A5	20020422	AU 2002-13183	20011011
US 2002128458	A1	20020912	US 2001-975326	20011011
US 6476210	B2	20021105		
US 2003023063	A1	20030130	US 2002-217357	20020809
US 6610537	B2	20030826		
US 2003207319	A1	20031106	US 2003-462887	20030617
PRIORITY APPLN. INFO.: US 2000-239821P P 20001012				
US 2001-975326 A1 20011011				
WO 2001-US32010 W 20011011				
US 2002-217357 A3 20020809				

L13 ANSWER 39 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 2002:276204 HCAPLUS

DOCUMENT NUMBER: 136:291021

TITLE: PDZ binding **kinase** as tumor marker and use  
in drug screening  
INVENTOR(S): Jensen, David Erik; Goldsworthy, Susan McDonald;  
Mansfield, Traci Ann  
PATENT ASSIGNEE(S): Glaxo Group Limited, UK; Curagen Corporation  
SOURCE: PCT Int. Appl., 48 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002029104	A2	20020411	WO 2001-US30682	20011001
WO 2002029104	A3	20031002		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2001096448	A5	20020415	AU 2001-96448	20011001
PRIORITY APPLN. INFO.:			US 2000-237605P	P 20001003
			WO 2001-US30682	W 20011001

L13 ANSWER 40 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 2002:794225 HCAPLUS  
DOCUMENT NUMBER: 137:305806  
TITLE: Protein, gene and cDNA sequences of a novel  
**human** protein **kinase** related to  
MAP/microtubule affinity-regulating **kinase**  
(MARK) and their uses in drug screening  
INVENTOR(S): Yan, Xianghe; Ketchum, Karen; Di Francesco, Valentina;  
Beasley, Ellen M.  
PATENT ASSIGNEE(S): USA  
SOURCE: U.S. Pat. Appl. Publ., 95 pp.  
CODEN: USXXCO  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002151020	A1	20021017	US 2001-835081	20010416
PRIORITY APPLN. INFO.:			US 2001-835081	20010416

L13 ANSWER 41 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 2002:696559 HCAPLUS  
DOCUMENT NUMBER: 137:227754  
TITLE: Protein, gene and cDNA sequences of a novel  
**human kinase** protein related to  
serine/threonine protein **kinase** and their  
uses in drug screening  
INVENTOR(S): Ye, Jane; Yan, Chunhua; Di Francesco, Valentina;  
Beasley, Ellen M.  
PATENT ASSIGNEE(S): USA  
SOURCE: U.S. Pat. Appl. Publ., 174 pp.  
CODEN: USXXCO  
DOCUMENT TYPE: Patent

LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002127683	A1	20020912	US 2001-801876	20010309
US 6492155	B2	20021210		
US 2003027307	A1	20030206	US 2002-254869	20020926
PRIORITY APPLN. INFO.:			US 2001-801876 A3	20010309

L13 ANSWER 42 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 2002:674778 HCAPLUS

DOCUMENT NUMBER: 137:212032

TITLE: **Human G protein-coupled receptor  
kinase gene 69087, nuclear protein gene 15821,  
and protein kinase phosphatase gene 15418  
and their uses**

INVENTOR(S): Kapeller-Libermann, Rosana; Bandaru, Rajasekhar

PATENT ASSIGNEE(S): Millennium Pharmaceuticals, Inc., USA

SOURCE: U.S. Pat. Appl. Publ., 98 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002123464	A1	20020905	US 2001-44205	20011022
WO 2002095032	A2	20021128	WO 2001-US51623	20011022
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
PRIORITY APPLN. INFO.:			US 2000-241884P P	20001019
			US 2000-241877P P	20001020
			US 2000-242428P P	20001023

L13 ANSWER 43 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 2002:488124 HCAPLUS

DOCUMENT NUMBER: 137:59517

TITLE: **Human AURORA-1 and AURORA-2 kinases  
, cDNA and amino acid sequences, and  
recombinant production**

INVENTOR(S): Plowman, Gregory; Mossie, Kevin

PATENT ASSIGNEE(S): USA

SOURCE: U.S. Pat. Appl. Publ., 43 pp., Cont.-in-part of U.S. Ser. No. 5,268, abandoned.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 4

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002081578	A1	20020627	US 1998-12135	19980122
CN 1205740	A	19990120	CN 1996-199101	19961125

US 5962312	A	19991005	US 1996-755728	19961125
CA 2318352	AA	19990729	CA 1999-2318352	19990121
WO 9937788	A2	19990729	WO 1999-US1283	19990121
WO 9937788	A3	19990930		

W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

AU 9925605	A1	19990809	AU 1999-25605	19990121
EP 1051500	A2	20001115	EP 1999-905450	19990121

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI

JP 2002508937	T2	20020326	JP 2000-528695	19990121
US 6207401	B1	20010327	US 1999-283011	19990331

PRIORITY APPLN. INFO.:  
US 1995-8809P P 19951218  
US 1996-23943P P 19960814  
US 1996-755728 A2 19961125  
US 1998-5268 B2 19980109  
US 1998-12135 A 19980122  
WO 1999-US1283 W 19990121

L13 ANSWER 44 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 2002:72748 HCAPLUS  
DOCUMENT NUMBER: 136:146104  
TITLE: **Human** stress genes identified using DNA microarrays  
INVENTOR(S): Chenchik, Alex; Lukashev, Matvey E.  
PATENT ASSIGNEE(S): Clontech, USA  
SOURCE: U.S. Pat. Appl. Publ., 57 pp., Cont.-in-part of U.S. Ser. No. 441,920.  
CODEN: USXXCO  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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US 2002009730	A1	20020124	US 2001-782909	20010213
PRIORITY APPLN. INFO.:				
			US 1998-222256	B2 19981228
			US 1999-440305	B2 19991117
			US 1999-441920	A2 19991117

L13 ANSWER 45 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 2003:1237 HCAPLUS  
DOCUMENT NUMBER: 138:51925  
TITLE: Identification, genomic and cDNA sequences and **cloning** of a **human** serine/threonine **kinase** sequence homolog  
INVENTOR(S): Webster, Marion; Yan, Chunhua; Di Francesco, Valentina; Beasley, Ellen  
PATENT ASSIGNEE(S): Applera Corporation, USA  
SOURCE: U.S., 86 pp., Cont.-in-part of U. S. Ser. No. 824,583, abandoned.  
CODEN: USXXAM  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 2  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6500656	B1	20021231	US 2001-873404	20010605
WO 2002081727	A2	20021017	WO 2002-US10156	20020402
WO 2002081727	A3	20030710		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2003022341	A1	20030130	US 2002-243735	20020916
PRIORITY APPLN. INFO.:				
			US 2001-824583	B2 20010403
			US 2001-873404	A 20010605
REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT				
L13 ANSWER 46 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN				
ACCESSION NUMBER: 2003:1236 HCAPLUS				
DOCUMENT NUMBER: 138:68934				
TITLE: Identification, genomic and cDNA sequences and cloning of a human protein kinase N sequence homolog				
INVENTOR(S): Rusch, Douglas; Ketchum, Karen A.; Di Francesco, Valentina; Beasley, Ellen M.				
PATENT ASSIGNEE(S): Applera Corporation, USA				
SOURCE: U.S., 44 pp., Cont.-in-part of U. S. Ser. No. 773,371, abandoned.				
CODEN: USXXAM				
DOCUMENT TYPE: Patent				
LANGUAGE: English				
FAMILY ACC. NUM. COUNT: 3				
PATENT INFORMATION:				

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6500655	B1	20021231	US 2001-849334	20010507
WO 2002061062	A2	20020808	WO 2002-US2152	20020129
WO 2002061062	A3	20030522		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1358338	A2	20031105	EP 2002-713461	20020129
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
WO 2002090525	A2	20021114	WO 2002-US7155	20020308
WO 2002090525	A3	20030327		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,  
CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,  
BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

US 2003049792 A1 20030313 US 2002-274878 20021022  
PRIORITY APPLN. INFO.: US 2001-773371 B2 20010201  
US 2001-849334 A 20010507  
WO 2002-US2152 W 20020129

REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 47 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 2002:941845 HCAPLUS

DOCUMENT NUMBER: 138:21334

TITLE: Protein, gene and cDNA sequences of a novel  
**human** protein **kinase** related to  
serine/threonine **kinase** and their uses in  
drug screening

INVENTOR(S): Yan, Chunhua; Li, Zhenya; Neelam, Beena; Difrancesco,  
Valentina; Beasley, Ellen M.

PATENT ASSIGNEE(S): PE Corporation (Ny), USA

SOURCE: U.S., 107 pp.  
CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6492156	B1	20021210	US 2001-984890	20011031
WO 2003038115	A2	20030508	WO 2002-US34869	20021031

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,  
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,  
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,  
PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,  
UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD,  
RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,  
CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,  
PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,  
NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2001-984890 A 20011031

REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 48 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 2002:711375 HCAPLUS

DOCUMENT NUMBER: 137:228389

TITLE: Vertebrate homologs of the fused gene and the gene  
products

INVENTOR(S): De Sauvage, Frederic; Rosenthal, Arnon; Murone,  
Maximilien

PATENT ASSIGNEE(S): Genentech, Inc., USA

SOURCE: U.S., 140 pp., Cont.-in-part of U.S. Ser. No. 258,000,  
abandoned.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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US 6451977 B1 20020917 US 1999-392277 19990903  
 US 6531579 B1 20030311 US 1999-258000 19990225  
 PRIORITY APPLN. INFO.: US 1998-76072P P 19980226  
 US 1999-258000 B2 19990225  
 REFERENCE COUNT: 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 49 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
 ACCESSION NUMBER: 2003:305167 HCAPLUS  
 DOCUMENT NUMBER: 138:298879  
 TITLE: **Human** 12.54-kDa serine/threonine protein  
**kinase** like protein and its cDNA and  
 therapeutic use  
 INVENTOR(S): Mao, Yumin; Xie, Yi  
 PATENT ASSIGNEE(S): Bode Gene Development Co., Ltd., Shanghai, Peop. Rep.  
 China  
 SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 34 pp.  
 CODEN: CNXXEV  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Chinese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 1358851	A	20020717	CN 2000-127893	20001213
PRIORITY APPLN. INFO.:			CN 2000-127893	20001213

L13 ANSWER 50 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
 ACCESSION NUMBER: 2002:732013 HCAPLUS  
 DOCUMENT NUMBER: 138:1084  
 TITLE: **Human** serine/threonine protein  
**kinase**-like protein, protein and cDNA  
 sequences, **recombinant** production and  
 therapeutic uses  
 INVENTOR(S): Mao, Yumin; Xie, Yi  
 PATENT ASSIGNEE(S): Shanghai Bode Gene Development Co., Ltd., Peop. Rep.  
 China  
 SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 38 pp.  
 CODEN: CNXXEV  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Chinese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 1329157	A	20020102	CN 2000-116663	20000621
PRIORITY APPLN. INFO.:			CN 2000-116663	20000621

L13 ANSWER 51 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
 ACCESSION NUMBER: 2002:896120 HCAPLUS  
 DOCUMENT NUMBER: 138:198918  
 TITLE: **Human** epidermal growth factor receptor-1  
**expression** renders chinese hamster ovary cells  
 sensitive to alternative aldosterone signaling  
 AUTHOR(S): Krug, Alexander W.; Schuster, Claudia; Gassner,  
 Birgit; Freudinger, Ruth; Mildenerberger, Sigrid;  
 Troppmair, Jakob; Gekle, Michael  
 CORPORATE SOURCE: Physiologisches Institut and the Institut fuer  
 Medizinische Strahlenkunde und Zellforschung,  
 Universitaet Wuerzburg, Wuerzburg, 97070, Germany  
 SOURCE: Journal of Biological Chemistry (2002), 277(48),  
 45892-45897

CODEN: JBCHA3; ISSN: 0021-9258  
PUBLISHER: American Society for Biochemistry and Molecular  
Biology  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 52 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 2002:677975 HCAPLUS  
DOCUMENT NUMBER: 137:365377  
TITLE: The synthesis of inositol hexakisphosphate.  
Characterization of **human** inositol  
1,3,4,5,6-pentakisphosphate 2-**kinase**  
AUTHOR(S): Verbsky, John W.; Wilson, Monita P.; Kisseleva, Marina  
V.; Majerus, Philip W.; Wente, Susan R.  
CORPORATE SOURCE: Department of Internal Medicine, Washington University  
School of Medicine, St. Louis, MO, 63110, USA  
SOURCE: Journal of Biological Chemistry (2002), 277(35),  
31857-31862  
CODEN: JBCHA3; ISSN: 0021-9258  
PUBLISHER: American Society for Biochemistry and Molecular  
Biology  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 53 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 2002:541167 HCAPLUS  
DOCUMENT NUMBER: 137:259220  
TITLE: Mirk protein **kinase** is activated by MKK3 and  
functions as a transcriptional activator of  
HNF1.alpha.  
AUTHOR(S): Lim, Seunghwan; Jin, Kideok; Friedman, Eileen  
CORPORATE SOURCE: Pathology Department, Upstate Medical University,  
Syracuse, NY, 13210, USA  
SOURCE: Journal of Biological Chemistry (2002), 277(28),  
25040-25046  
CODEN: JBCHA3; ISSN: 0021-9258  
PUBLISHER: American Society for Biochemistry and Molecular  
Biology  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 54 OF 188 MEDLINE on STN DUPLICATE 4  
ACCESSION NUMBER: 2002347257 MEDLINE  
DOCUMENT NUMBER: 22075121 PubMed ID: 11956206  
TITLE: Ceramide **kinase**, a novel lipid **kinase**.  
Molecular **cloning** and functional  
characterization.  
AUTHOR: Sugiura Masako; Kono Keita; Liu Hong; Shimizugawa Tetsuya;  
Minekura Hiroyuki; Spiegel Sarah; Kohama Takafumi  
CORPORATE SOURCE: Pharmacology and Molecular Biology Research Laboratories,  
Sankyo Co., Ltd., Tokyo 140-8710, Japan.  
SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (2002 Jun 28) 277 (26)  
23294-300.  
Journal code: 2985121R. ISSN: 0021-9258.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals

OTHER SOURCE: GENBANK-AB079066; GENBANK-AB079067  
ENTRY MONTH: 200208  
ENTRY DATE: Entered STN: 20020702  
Last Updated on STN: 20030105  
Entered Medline: 20020806

L13 ANSWER 55 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 2002:404409 HCAPLUS  
DOCUMENT NUMBER: 137:152764  
TITLE: Alternative splice variants of doublecortin-like  
**kinase** are differentially **expressed**  
and have different **kinase** activities  
AUTHOR(S): Burgess, Harold A.; Reiner, Orly  
CORPORATE SOURCE: Department of Molecular Genetics, Weizmann Institute  
of Science, Rehovot, 76100, Israel  
SOURCE: Journal of Biological Chemistry (2002), 277(20),  
17696-17705  
CODEN: JBCHA3; ISSN: 0021-9258  
PUBLISHER: American Society for Biochemistry and Molecular  
Biology  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 49 THERE ARE 49 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 56 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 2002:351432 HCAPLUS  
DOCUMENT NUMBER: 137:181467  
TITLE: MRK, a mixed lineage **kinase**-related molecule  
that plays a role in .gamma.-radiation-induced cell  
cycle arrest  
AUTHOR(S): Gross, Eleanore A.; Callow, Marinella G.; Waldbaum,  
Linda; Thomas, Suzanne; Ruggieri, Rosamaria  
CORPORATE SOURCE: Picower Institute for Medical Research, Manhasset, NY,  
11030, USA  
SOURCE: Journal of Biological Chemistry (2002), 277(16),  
13873-13882  
CODEN: JBCHA3; ISSN: 0021-9258  
PUBLISHER: American Society for Biochemistry and Molecular  
Biology  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 45 THERE ARE 45 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 57 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 2002:218543 HCAPLUS  
DOCUMENT NUMBER: 136:353082  
TITLE: Phosphatidylinositol 3-**kinase** controls  
**human intestinal** epithelial cell  
differentiation by promoting adherens junction  
assembly and p38 MAPK activation  
AUTHOR(S): Laprise, Patrick; Chailler, Pierre; Houde, Mathieu;  
Beaulieu, Jean-Francois; Boucher, Marie-Josée; Rivard,  
Nathalie  
CORPORATE SOURCE: Canadian Institutes of Health Research Group on  
Functional Development and Physiopathology of the  
Digestive Tract, Departement d'Anatomie et Biologie  
Cellulaire, Faculte de Medecine, Universite de  
Sherbrooke, Sherbrooke, QC, J1H 5N4, Can.  
SOURCE: Journal of Biological Chemistry (2002), 277(10),  
8226-8234  
CODEN: JBCHA3; ISSN: 0021-9258  
PUBLISHER: American Society for Biochemistry and Molecular

DOCUMENT TYPE: Biology  
LANGUAGE: Journal  
REFERENCE COUNT: English  
50 THERE ARE 50 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 58 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 2002:971507 HCAPLUS  
DOCUMENT NUMBER: 138:351624  
TITLE: **Human** endometrial epithelial cells  
**express** ephrin A1: Possible interaction  
between **human** blastocysts and endometrium  
via Eph-ephrin system  
AUTHOR(S): Fujiwara, Hiroshi; Yoshioka, Shinya; Tatsumi, Keiji;  
Kosaka, Kenzo; Satoh, Yukiyasu; Nishioka, Yoshihiro;  
Egawa, Miho; Higuchi, Toshihiro; Fujii, Shingo  
CORPORATE SOURCE: Department of Gynecology and Obstetrics, Faculty of  
Medicine, Kyoto University, Kyoto, 606-8507, Japan  
SOURCE: Journal of Clinical Endocrinology and Metabolism  
(2002), 87(12), 5801-5807  
CODEN: JCEMAZ; ISSN: 0021-972X  
PUBLISHER: Endocrine Society  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 59 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 2002:708445 HCAPLUS  
DOCUMENT NUMBER: 138:54322  
TITLE: **Human** Platelets Stimulate Mesangial Cells to  
Produce Monocyte Chemoattractant Protein-1 via the  
CD40/CD40 Ligand Pathway and May Amplify Glomerular  
Injury  
AUTHOR(S): Tanaka, Takaharu; Kuroiwa, Takashi; Ikeuchi, Hidekazu;  
Ota, Fumie; Kaneko, Yoriaki; Ueki, Kazue; Tsukada,  
Yoshito; McInnes, Iain B.; Boumpas, Dimitrios T.;  
Nojima, Yoshihisa  
CORPORATE SOURCE: Third Department of Internal Medicine, Gunma  
University School of Medicine, Maebashi, Japan  
SOURCE: Journal of the American Society of Nephrology (2002),  
13(10), 2488-2496  
CODEN: JASNEU; ISSN: 1046-6673  
PUBLISHER: Lippincott Williams & Wilkins  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 45 THERE ARE 45 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 60 OF 188 MEDLINE on STN DUPLICATE 5  
ACCESSION NUMBER: 2002707338 MEDLINE  
DOCUMENT NUMBER: 22357219 PubMed ID: 12467573  
TITLE: Structures of the cancer-related Aurora-A, FAK, and EphA2  
protein **kinases** from nanovolume crystallography.  
AUTHOR: Nowakowski Jacek; Cronin Ciaran N; McRee Duncan E; Knuth  
Mark W; Nelson Christian G; Pavletich Nikola P; Rogers Joe;  
Sang Bi-Ching; Scheibe Daniel N; Swanson Ronald V; Thompson  
Devon A  
CORPORATE SOURCE: Syrrx, Inc., 10410 Science Center Drive, San Diego, CA  
92121, USA.. jacek.nowakowski@syrrx.com  
SOURCE: Structure (Camb), (2002 Dec) 10 (12) 1659-67.  
Journal code: 101087697. ISSN: 0969-2126.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English  
FILE SEGMENT: Priority Journals  
OTHER SOURCE: PDB-1MP8; PDB-1MQ4; PDB-1MQB  
ENTRY MONTH: 200305  
ENTRY DATE: Entered STN: 20021217  
Last Updated on STN: 20030529  
Entered Medline: 20030528

L13 ANSWER 61 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 2002:73638 HCAPLUS  
DOCUMENT NUMBER: 136:395907  
TITLE: Down-Regulation of Mcl-1 by Inhibition of the  
PI3-K/Akt Pathway Is Required for Cell  
Shrinkage-Dependent Cell Death  
AUTHOR(S): Araki, Takashi; Hayashi, Matsuhiko; Watanabe, Naohide;  
Kanuka, Hirotaka; Yoshino, Jun; Miura, Masayuki;  
Saruta, Takao  
CORPORATE SOURCE: Department of Internal Medicine, Keio University  
School of Medicine, Tokyo, Japan  
SOURCE: Biochemical and Biophysical Research Communications  
(2002), 290(4), 1275-1281  
CODEN: BBRCA9; ISSN: 0006-291X  
PUBLISHER: Academic Press  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 62 OF 188 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN  
ACCESSION NUMBER: 2002:395987 BIOSIS  
DOCUMENT NUMBER: PREV200200395987  
TITLE: **Kinase** suppressor of Ras (KSR) is an essential  
component of epidermal growth factor receptor  
(EGFR)/Ras-mediated tumorigenesis.  
AUTHOR(S): Xing, Rosie H. [Reprint author]; Kolesnick, Richard N.  
[Reprint author]  
CORPORATE SOURCE: Memorial Sloan-Kettering Cancer Center, New York, NY, USA  
SOURCE: Proceedings of the American Association for Cancer Research  
Annual Meeting, (March, 2002) Vol. 43, pp. 720. print.  
Meeting Info.: 93rd Annual Meeting of the American  
Association for Cancer Research. San Francisco, California,  
USA. April 06-10, 2002.  
ISSN: 0197-016X.  
DOCUMENT TYPE: Conference; (Meeting)  
Conference; Abstract; (Meeting Abstract)  
LANGUAGE: English  
ENTRY DATE: Entered STN: 24 Jul 2002  
Last Updated on STN: 24 Jul 2002

L13 ANSWER 63 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 2002:177948 HCAPLUS  
DOCUMENT NUMBER: 137:74937  
TITLE: Phosphorylation of a novel zinc-finger-like protein,  
ZPR9, by murine protein serine/threonine  
**kinase** 38 (MPK38)  
AUTHOR(S): Seong, Hyun-A.; Gil, Minchan; Kim, Kyong-Tai; Kim,  
Sung-Jin; Ha, Hyunjung  
CORPORATE SOURCE: Department of Biochemistry, School of Life Sciences,  
Research Center for Bioresource and Health, Chungbuk  
National University, Chungbuk, 361-763, S. Korea  
SOURCE: Biochemical Journal (2002), 361(3), 597-604  
CODEN: BIJOAK; ISSN: 0264-6021  
PUBLISHER: Portland Press Ltd.  
DOCUMENT TYPE: Journal

LANGUAGE: English  
REFERENCE COUNT: 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 64 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 2002:333656 HCAPLUS  
DOCUMENT NUMBER: 137:245169  
TITLE: **Human** Speedy: a novel cell cycle regulator  
that enhances proliferation through activation of Cdk2  
AUTHOR(S): Porter, Lisa A.; Dellinger, Ryan W.; Tynan, John A.;  
Barnes, Elizabeth A.; Kong, Monica; Lenormand,  
Jean-Luc; Donoghue, Daniel J.  
CORPORATE SOURCE: Department of Chemistry and Biochemistry, University  
of California San Diego, La Jolla, CA, 92093, USA  
SOURCE: Journal of Cell Biology (2002), 157(3), 357-366  
CODEN: JCLBA3; ISSN: 0021-9525  
PUBLISHER: Rockefeller University Press  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 65 OF 188 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN  
DUPLICATE 6  
ACCESSION NUMBER: 2002:460533 BIOSIS  
DOCUMENT NUMBER: PREV200200460533  
TITLE: Dissection of angiogenic signaling in zebrafish using a  
chemical genetic approach.  
AUTHOR(S): Chan, Joanne [Reprint author]; Bayliss, Peter E.; Wood,  
Jeanette M.; Roberts, Thomas M.  
CORPORATE SOURCE: Department of Cancer Biology, Dana-Farber Cancer Institute,  
Harvard Medical School, Boston, MA, USA  
jochan@mbcrr.harvard.edu  
SOURCE: Cancer Cell, (April, 2002) Vol. 1, No. 3, pp. 257-267.  
print.  
ISSN: 1535-6108.  
DOCUMENT TYPE: Article  
LANGUAGE: English  
ENTRY DATE: Entered STN: 28 Aug 2002  
Last Updated on STN: 28 Aug 2002

L13 ANSWER 66 OF 188 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN  
ACCESSION NUMBER: 2002:501347 BIOSIS  
DOCUMENT NUMBER: PREV200200501347  
TITLE: Identification of angiogenesis-related genes in liver  
cirrhosis, dysplastic nodules and hepatocellular  
**carcinomas** using cDNA-arrays.  
AUTHOR(S): Tannapfel, A. [Reprint author]; Benicke, M. [Reprint  
author]; Markwarth, A. [Reprint author]; Wittekind, Ch.  
[Reprint author]  
CORPORATE SOURCE: Institut fuer Pathologie, Universitaetsklinikum Leipzig,  
Leipzig, Germany  
SOURCE: Pathology Research and Practice, (2002) Vol. 198, No. 3,  
pp. 170. print.  
Meeting Info.: 86th Meeting of the German Society of  
Pathology. Vienna, Austria. April 03-06, 2002.  
CODEN: PARPDS. ISSN: 0344-0338.  
DOCUMENT TYPE: Conference; (Meeting)  
Conference; Abstract; (Meeting Abstract)  
LANGUAGE: English  
ENTRY DATE: Entered STN: 25 Sep 2002  
Last Updated on STN: 25 Sep 2002

L13 ANSWER 67 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 2002:416564 HCAPLUS  
DOCUMENT NUMBER: 137:245026  
TITLE: Identification and characterization of Nek6 protein  
**kinase**, a potential **human** homolog of  
NIMA histone H3 **kinase**  
AUTHOR(S): Iizuka, Atsuhiko  
CORPORATE SOURCE: Dep. Urol., Nagoya City Univ. Med. Sch., Nagoya, Japan  
SOURCE: Nagoya-shiritsu Daigaku Igakkai Zasshi (2002), 53(1),  
133-141  
CODEN: NASDA6; ISSN: 0027-7606  
PUBLISHER: Nagoya-shiritsu Daigaku Igakkai  
DOCUMENT TYPE: Journal  
LANGUAGE: Japanese

L13 ANSWER 68 OF 188 MEDLINE on STN DUPLICATE 7

ACCESSION NUMBER: 2002359354 MEDLINE  
DOCUMENT NUMBER: 22097604 PubMed ID: 12103360  
TITLE: The identification and subcellular localization of  
**human** MRK.  
AUTHOR: Yang Tao; Jiang Yunai; Chen Jiangye  
CORPORATE SOURCE: State Key Laboratory of Molecular Biology, Institute of  
Biochemistry and Cell Biology, Shanghai Institutes for  
Biological Sciences, Chinese Academy of Sciences, China.  
SOURCE: BIOMOLECULAR ENGINEERING, (2002 Jun) 19 (1) 1-4.  
Journal code: 100928062. ISSN: 1389-0344.  
PUB. COUNTRY: Netherlands  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 200212  
ENTRY DATE: Entered STN: 20020710  
Last Updated on STN: 20021228  
Entered Medline: 20021227

L13 ANSWER 69 OF 188 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN

ACCESSION NUMBER: 2002:74113 BIOSIS  
DOCUMENT NUMBER: PREV200200074113  
TITLE: Cell volume-regulated **human** **kinase**  
h-sgk.  
AUTHOR(S): Lang, Florian [Inventor, Reprint author]; Waldegger,  
Siegfried [Inventor]  
CORPORATE SOURCE: Im Rotbad 52, 72076 Tübingen, Germany  
PATENT INFORMATION: US 6326181 December 04, 2001  
SOURCE: Official Gazette of the United States Patent and Trademark  
Office Patents, (Dec. 4, 2001) Vol. 1253, No. 1.  
<ftp://ftp.uspto.gov/pub/patdata/.e-file>.  
CODEN: OGUPE7. ISSN: 0098-1133.  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
ENTRY DATE: Entered STN: 16 Jan 2002  
Last Updated on STN: 25 Feb 2002

L13 ANSWER 70 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 2001:868653 HCAPLUS  
DOCUMENT NUMBER: 136:15959  
TITLE: Nucleic acid encoding a **human**  
serine/threonine protein **kinase** and its  
screening and therapeutic uses  
INVENTOR(S): Wei, Ming-hi; Zhu, Shiao-ping; Woodage, Trevor; Di  
Francesco, Valentina; Beasley, Ellen M.  
PATENT ASSIGNEE(S): Applera Corporation, USA  
SOURCE: PCT Int. Appl., 66 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent

LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001090328	A2	20011129	WO 2001-US16760	20010524
WO 2001090328	A3	20020718		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 6482935	B1	20021119	US 2000-691861	20001018
EP 1290185	A2	20030312	EP 2001-937689	20010524
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2003534008	T2	20031118	JP 2001-587124	20010524
US 2003022232	A1	20030130	US 2002-259740	20020930
PRIORITY APPLN. INFO.: US 2000-206550P P 20000524				
US 2000-691861 A 20001018				
WO 2001-US16760 W 20010524				

L13 ANSWER 71 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 2001:851353 HCAPLUS

DOCUMENT NUMBER: 136:2248

TITLE: **Human** and mouse neuronal serine-threonine protein **kinases** and cDNAs and methods for diagnosis and treatment of neurological diseases and cancer

INVENTOR(S): Schneider, Armin; Klaussner, Bettina; Fischer, Achim; Newrzella, Dieter; Goetz, Bernhard; Rossner, Moritz; Eisenhardt, Gisela; Kuner, Rohini; Trutzel, Annette; Kammandel, Birgitta; Jomana, Naim Stephanie; Schwaninger, Markus

PATENT ASSIGNEE(S): Basf-Lynx Bioscience A.-G., Germany

SOURCE: PCT Int. Appl., 75 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001088108	A1	20011122	WO 2001-EP5660	20010517
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
DE 10024171	A1	20011220	DE 2000-10024171	20000517
EP 1282700	A1	20030212	EP 2001-936370	20010517
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2003533226	T2	20031111	JP 2001-585316	20010517



PRIORITY APPLN. INFO.:

DE 2000-10024171 A 20000517

WO 2001-EP5660 W 20010517

REFERENCE COUNT:

6

THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 72 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 2001:693508 HCAPLUS

DOCUMENT NUMBER: 135:269286

TITLE: **Human** protein **kinase** Akt3 and  
cDNAs encoding it and the use of the enzyme in  
treatment of hypoxia, apoptosis or necrosis  
INVENTOR(S): Guo, Kun; Pagnoni, Marco F.; Clark, Kenneth L.;  
Ivashchenko, Yuri D.

PATENT ASSIGNEE(S): Aventis Pharmaceuticals Products Inc., USA

SOURCE: PCT Int. Appl., 73 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001068850	A2	20010920	WO 2001-US7663	20010309
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
US 2003100049	A1	20030529	US 2000-526043	20000314
PRIORITY APPLN. INFO.:			US 2000-526043 A	20000314
			US 1999-125108P P	19990319

L13 ANSWER 73 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 2001:676960 HCAPLUS

DOCUMENT NUMBER: 135:237660

TITLE: Protein and cDNA sequences of novel **human**  
**kinase** interacting protein homologs and uses  
thereof in diagnosis, therapy and drug screening  
INVENTOR(S): Mathur, Brian; Turner, C. Alexander, Jr.

PATENT ASSIGNEE(S): Lexicon Genetics Incorporated, USA

SOURCE: PCT Int. Appl., 32 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001066760	A2	20010913	WO 2001-US7499	20010308
WO 2001066760	A3	20020530		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,			

BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG  
US 2002082406 A1 20020627 US 2001-802116 20010308  
EP 1343901 A2 20030917 EP 2001-918467 20010308  
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
IE, FI, CY, TR

PRIORITY APPLN. INFO.: US 2000-187719P P 20000308  
WO 2001-US7499 W 20010308

L13 ANSWER 74 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 2001:618209 HCAPLUS

DOCUMENT NUMBER: 135:193985

TITLE: Genes **expressed** in tumor cells and their use  
as diagnostic markers and the assessment of tumors to  
chemotherapy

INVENTOR(S): Roth, Frederick P.; Van Huffel, Christophe; White,  
James V.; Shyjan, Andrew W.

PATENT ASSIGNEE(S): Millennium Predictive Medicine, Inc., USA

SOURCE: PCT Int. Appl., 122 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001061050	A2	20010823	WO 2001-US5301	20010216
WO 2001061050	A3	20030227		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			

US 2002120004 A1 20020829 US 2001-788099 20010216

US 2003129629 A1 20030710 US 2002-272111 20021016

PRIORITY APPLN. INFO.: US 2000-183265P P 20000217

US 2001-788099 A1 20010216

L13 ANSWER 75 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 2001:618177 HCAPLUS

DOCUMENT NUMBER: 135:191337

TITLE: Protein and cDNA sequences of novel **human**  
**kinase** homologs and uses thereof in diagnosis,  
therapy and drug screening

INVENTOR(S): Walke, D. Wade; Hu, Yi; Nepomnichy, Boris; Turner, C.  
Alexander, Jr.; Zambrowicz, Brian

PATENT ASSIGNEE(S): Lexicon Genetics Incorporated, USA

SOURCE: PCT Int. Appl., 70 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001061016	A2	20010823	WO 2001-US5356	20010215
WO 2001061016	A3	20020207		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,			

HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,  
 LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,  
 SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU,  
 ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,  
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,  
 BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG  
 US 2002038011 A1 20020328 US 2001-783320 20010215  
 EP 1257652 A2 20021120 EP 2001-912839 20010215  
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR  
 JP 2003531577 T2 20031028 JP 2001-559853 20010215  
 PRIORITY APPLN. INFO.: US 2000-183582P P 20000218  
 US 2000-184014P P 20000222  
 WO 2001-US5356 W 20010215

L13 ANSWER 76 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 2001:716749 HCAPLUS

DOCUMENT NUMBER: 135:268336

TITLE: Differentially expressed nucleic acids encoding  
 tumor-associated proteins, kits, and methods for  
 identification, assessment, prevention, and therapy of  
 human prostate cancer

INVENTOR(S): Schlegel, Robert; Endege, Wilson; Monahan, John E.

PATENT ASSIGNEE(S): Millennium Predictive Medicine, Inc., USA

SOURCE: PCT Int. Appl., 975 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2001053836	A2	20010726	WO 2001-US2318	20010124
W:				
AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR,				
CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID,				
IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,				
MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI,				
SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY,				
KG, KZ, MD, RU, TJ, TM				
RW:				
AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB,				
GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR				
PRIORITY APPLN. INFO.:			US 2000-PV178525	20000124
			US 2000-PV183245	20000217
			US 2000-PV190139	20000316
			US 2000-PV208126	20000531
			US 2000-PV219705	20000718
			US 2000-PV255160	20001213

L13 ANSWER 77 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 2001:649957 HCAPLUS

DOCUMENT NUMBER: 135:206496

TITLE: Nucleic acid compositions, kits, and methods for  
 identification, assessment, prevention, and therapy of  
 human breast cancer

INVENTOR(S): Lillie, James; Palermo, Adam; Wang, Youzhen;

Steinmann, Kathleen; Elias, Josh

PATENT ASSIGNEE(S): Millennium Predictive Medicine, Inc., USA

SOURCE: PCT Int. Appl., 2674 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001046697	A2	20010628	WO 2000-US35214	20001221
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR				
PRIORITY APPLN. INFO.:			US 1999-PV171406	19991221
			US 2000-PV176423	20000114
			US 2000-PV190471	20000317
			US 2000-PV193482	20000329
			US 2000-PV205231	20000515
			US 2000-PV213236	20000620
			US 2000-PV219865	20000720

L13 ANSWER 78 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
 ACCESSION NUMBER: 2001:338572 HCAPLUS  
 DOCUMENT NUMBER: 134:348996  
 TITLE: Bovine, **human**, and rat growth hormone secretagogue receptor ligand protein and uses in diagnosis and therapy  
 INVENTOR(S): Hinuma, Shuji; Kawamata, Yuji; Fukusumi, Shoji; Fujii, Ryo  
 PATENT ASSIGNEE(S): Takeda Chemical Industries, Ltd., Japan  
 SOURCE: PCT Int. Appl., 106 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001032705	A1	20010510	WO 2000-JP7635	20001031
W: AE, AG, AL, AM, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CN, CR, CU, CZ, DM, DZ, EE, GD, GE, HR, HU, ID, IL, IN, IS, KG, KR, KZ, LC, LK, LR, LT, LV, MA, MD, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TJ, TM, TR, TT, UA, US, UZ, VN, YU, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
JP 2001190276	A2	20010717	JP 1999-358723	19991217
AU 2000079637	A5	20010514	AU 2000-79637	20001031
EP 1227105	A1	20020731	EP 2000-970212	20001031
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
PRIORITY APPLN. INFO.:			JP 1999-311632	A 19991101
			JP 1999-358723	A 19991217
			WO 2000-JP7635	W 20001031
REFERENCE COUNT:	6	THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L13 ANSWER 79 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
 ACCESSION NUMBER: 2001:320122 HCAPLUS  
 DOCUMENT NUMBER: 134:337616  
 TITLE: **Human** sphingosine kinase gene  
 INVENTOR(S): Allen, Janet; Gosink, Mark; Melendez, Alirio J.; Takacs, Laszlo  
 PATENT ASSIGNEE(S): Warner-Lambert Co., USA

SOURCE: PCT Int. Appl., 91 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001031029	A2	20010503	WO 2000-EP9498	20001027
WO 2001031029	A3	20020228		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
BR 2000015138	A	20020716	BR 2000-15138	20001027
EP 1228221	A2	20020807	EP 2000-971299	20001027
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
JP 2003512072	T2	20030402	JP 2001-533164	20001027
PRIORITY APPLN. INFO.:				
			US 1999-162307P	P 19991028
			US 2000-180525P	P 20000207
			WO 2000-EP9498	W 20001027

L13 ANSWER 80 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
 ACCESSION NUMBER: 2001:129871 HCAPLUS  
 DOCUMENT NUMBER: 134:173022  
 TITLE: Vectors for the diagnosis and treatment of solid tumors including melanoma  
 INVENTOR(S): Pawelek, John M.; Bermudes, David; Low, Kenneth Brooks  
 PATENT ASSIGNEE(S): Yale University, USA  
 SOURCE: U.S., 84 pp., Cont.-in-part of U. S. Ser. No. 486,422, abandoned.  
 CODEN: USXXAM  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6190657	B1	20010220	US 1996-658034	19960604
CA 2224075	AA	19961219	CA 1996-2224075	19960605
WO 9640238	A1	19961219	WO 1996-US10250	19960605
W: AL, AM, AU, AZ, BB, BG, BR, BY, CA, CN, CZ, EE, FI, GE, HU, IL, IS, JP, KG, KP, KR, KZ, LK, LR, LS, LT, LV, MD, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TJ, TM, TR, TT, UA, UZ, VN, AM, AZ, BY				
RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9663851	A1	19961230	AU 1996-63851	19960605
AU 719446	B2	20000511		
EP 833660	A1	19980408	EP 1996-923299	19960605
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
CN 1192694	A	19980909	CN 1996-196140	19960605
BR 9609016	A	19990706	BR 1996-9016	19960605
JP 2000514400	T2	20001031	JP 1997-502263	19960605

PRIORITY APPLN. INFO.:

US 1995-486422 B2 19950607

US 1996-658034 A 19960604

WO 1996-US10250 W 19960605

REFERENCE COUNT: 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 81 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 2001:207982 HCAPLUS

DOCUMENT NUMBER: 134:232725

TITLE: **Human** genes and polynucleotides encoding novel c-Jun N-terminal **kinase kinase kinases** MLK4, PAK4, PAK5, and YSK2 **expressed** in keratinocytes and uses thereof

INVENTOR(S): Blumenberg, Miroslav; Gazel, Alix M.

PATENT ASSIGNEE(S): New York University, USA

SOURCE: Eur. Pat. Appl., 51 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1085093	A2	20010321	EP 2000-307866	20000912
EP 1085093	A3	20021030		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2001157590	A2	20010612	JP 2000-284980	20000920

PRIORITY APPLN. INFO.: US 1999-155029P P 19990920

L13 ANSWER 82 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 2001:106053 HCAPLUS

DOCUMENT NUMBER: 134:188984

TITLE: **Human expressed** sequence tags and primers for synthesizing full-length cDNAs

INVENTOR(S): Ota, Toshio; Isogai, Takao; Nishikawa, Tetsuo; Hayashi, Kohji; Saito, Kaoru; Yamamoto, Junichi; Ishii, Shizuko; Sugiyama, Tomoyasu; Wakamatsu, Ai; Nagai, Keiichi; Otsuki, Tetsuji

PATENT ASSIGNEE(S): Helix Research Institute, Japan

SOURCE: Eur. Pat. Appl., 2527 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 12

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1074617	A2	20010207	EP 2000-116126	20000728
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002171977	A2	20020618	JP 2000-196309	20000626
EP 1205549	A1	20020515	EP 2000-948282	20000728
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
JP 2002191363	A2	20020709	JP 2000-280990	20000728

PRIORITY APPLN. INFO.: JP 1999-248036 A 19990729  
JP 1999-300253 A 19990827  
JP 2000-118776 A 20000111  
JP 2000-183767 A 20000502  
JP 2000-241899 A 20000609  
US 1999-159590P P 19991018

US 2000-183322P P 20000217  
WO 2000-JP5065 W 20000728

L13 ANSWER 83 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 2002:709686 HCAPLUS  
DOCUMENT NUMBER: 137:211959  
TITLE: **Cloning**, protein and cDNA sequence of  
**human protein kinase KID-1** and their  
uses in diagnosis and therapy  
INVENTOR(S): Yu, Long  
PATENT ASSIGNEE(S): Fudan Univ., Peop. Rep. China  
SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 23 pp.  
CODEN: CNXXEV  
DOCUMENT TYPE: Patent  
LANGUAGE: Chinese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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CN 1328134	A	20011226	CN 2001-105987	20010413
PRIORITY APPLN. INFO.:			CN 2001-105987	20010413

L13 ANSWER 84 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 2002:421909 HCAPLUS  
DOCUMENT NUMBER: 136:397019  
TITLE: **Human testis** specific protein  
**kinase** gene coding protein  
INVENTOR(S): Shao, Jiahao; Zhou, Zuomin; Li, Jianmin  
PATENT ASSIGNEE(S): Nanjing Medical Univ., Peop. Rep. China  
SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 7 pp.  
CODEN: CNXXEV  
DOCUMENT TYPE: Patent  
LANGUAGE: Chinese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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CN 1319660	A	20011031	CN 2001-113510	20010411
PRIORITY APPLN. INFO.:			CN 2001-113510	20010411

L13 ANSWER 85 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 2001:711043 HCAPLUS  
DOCUMENT NUMBER: 136:275290  
TITLE: **WNK kinases**, a novel protein **kinase**  
subfamily in multi-cellular organisms  
AUTHOR(S): Verissimo, Fatima; Jordan, Peter  
CORPORATE SOURCE: Centre for Human Genetics, National Institute of  
Health "Dr. Ricardo Jorge", Lisbon, 1649-016, Port.  
SOURCE: Oncogene (2001), 20(39), 5562-5569  
CODEN: ONCNES; ISSN: 0950-9232  
PUBLISHER: Nature Publishing Group  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 86 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 2001:79702 HCAPLUS  
DOCUMENT NUMBER: 134:293636  
TITLE: Pancreatic Tumor Cells with Mutant K-ras Suppress ERK  
Activity by MEK-Dependent Induction of MAP  
**Kinase Phosphatase-2**

AUTHOR(S): Yip-Schneider, Michele T.; Lin, Amy; Marshall, Mark S.  
CORPORATE SOURCE: Department of Medicine, Indiana University School of  
Medicine, Indianapolis, IN, 46202, USA  
SOURCE: Biochemical and Biophysical Research Communications  
(2001), 280(4), 992-997  
CODEN: BBRCA9; ISSN: 0006-291X  
PUBLISHER: Academic Press  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 87 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 2001:389452 HCAPLUS  
DOCUMENT NUMBER: 135:176874  
TITLE: Phosphorylation of the Fas associated factor FAF1 by  
protein **kinase** CK2 and identification of  
serines 289 and 291 as the in vitro phosphorylation  
sites  
AUTHOR(S): Jensen, H. H.; Hjerrild, M.; Guerra, B.; Larsen, M.  
R.; Hojrup, P.; Boldyreff, B.  
CORPORATE SOURCE: Institut for Biokemi og Molekylaer Biologi, Syddansk  
Universitet, Odense, DK-5230, Den.  
SOURCE: International Journal of Biochemistry & Cell Biology  
(2001), 33(6), 577-589  
CODEN: IJBBFU; ISSN: 1357-2725  
PUBLISHER: Elsevier Science Ltd.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 88 OF 188 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN  
DUPLICATE 8  
ACCESSION NUMBER: 2001:504233 BIOSIS  
DOCUMENT NUMBER: PREV200100504233  
TITLE: Isolation, **expression** analysis and chromosomal  
mapping of a novel **human kinase** gene  
MLK4.  
AUTHOR(S): Kvasha, S. M.; Protopopov, A. I.; Zabarovsky, E. R.;  
Rynditch, A. V.; Kashuba, V. I.  
SOURCE: Biopolimery i Kletka, (July-August, 2001) Vol. 17, No. 4,  
pp. 302-307. print.  
CODEN: BIKLEK. ISSN: 0233-7657.  
DOCUMENT TYPE: Article  
LANGUAGE: Ukrainian  
ENTRY DATE: Entered STN: 31 Oct 2001  
Last Updated on STN: 23 Feb 2002

L13 ANSWER 89 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 2001:368058 HCAPLUS  
DOCUMENT NUMBER: 135:328609  
TITLE: Novel type of signaling molecules: protein  
**kinases** covalently linked with ion channels  
AUTHOR(S): Ryazanova, L. V.; Pavur, K. S.; Petrov, A. N.;  
Dorovkov, M. V.; Ryazanov, A. G.  
CORPORATE SOURCE: Department of Pharmacology, Robert Wood Johnson  
Medical School, University of Medicine and Dentistry  
of New Jersey, Piscataway, NJ, 08854, USA  
SOURCE: Molecular Biology (Moscow, Russian Federation, English  
Language) (Translation of Molekulyarnaya Biologiya)  
(2001), 35(2), 271-283  
CODEN: MOLBBJ; ISSN: 0026-8933  
PUBLISHER: MAIK Nauka/Interperiodica Publishing



DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 90 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 2001:356068 HCAPLUS  
DOCUMENT NUMBER: 136:132505  
TITLE: **Human** INCENP colocalizes with the  
Aurora-B/AIRK2 **kinase** on chromosomes and is  
overexpressed in tumour cells  
AUTHOR(S): Adams, Richard R.; Eckley, D. Mark; Vagnarelli, Paola;  
Wheatley, Sally P.; Gerloff, Dietlind L.; Mackay,  
Alastair M.; Svingen, Phyllis A.; Kaufmann, Scott H.;  
Earnshaw, William C.  
CORPORATE SOURCE: Institute of Cell and Molecular Biology, Wellcome  
Trust Centre for Cell Biology, University of  
Edinburgh, Edinburgh, EH9 3JR, UK  
SOURCE: Chromosoma (2001), 110(2), 65-74  
CODEN: CHROAU; ISSN: 0009-5915  
PUBLISHER: Springer-Verlag  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 91 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 2001:669675 HCAPLUS  
DOCUMENT NUMBER: 136:35539  
TITLE: A role for protein **kinase** C .delta. in the  
differential sensitivity of MCF-7 and MDA-MB 231  
**human** breast cancer cells to phorbol  
ester-induced growth arrest and p21WAF1/CIP1 induction  
AUTHOR(S): Shanmugam, M.; Krett, N. L.; Maizels, E. T.; Murad, F.  
M.; Rosen, S. T.; Hunzicker-Dunn, M.  
CORPORATE SOURCE: Department of Cell and Molecular Biology, Northwestern  
University Medical School, Chicago, IL, 60611, USA  
SOURCE: Cancer Letters (Shannon, Ireland) (2001), 172(1),  
43-53  
CODEN: CALEDQ; ISSN: 0304-3835  
PUBLISHER: Elsevier Science Ireland Ltd.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 52 THERE ARE 52 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 92 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 2000:861815 HCAPLUS  
DOCUMENT NUMBER: 134:26116  
TITLE: Protein and cDNA sequences of **human** and  
mouse protein **kinase** sequence homologs, and  
uses thereof in identifying novel **kinase**  
inhibitor  
INVENTOR(S): Bird, Timothy A.; Virca, G. Duke; Martin, Unja;  
Anderson, Dirk M.  
PATENT ASSIGNEE(S): Immunex Corporation, USA  
SOURCE: PCT Int. Appl., 106 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2000073468      A1      20001207      WO 2000-US14696      20000526

W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU,  
CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL,  
IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,  
MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI,  
SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM,  
AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,  
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,  
CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

EP 1181374      A1      20020227      EP 2000-939378      20000526

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
IE, SI, LT, LV, FI, RO

US 6514719      B1      20030204      US 2000-579664      20000526

US 2003162277      A1      20030828      US 2003-355975      20030130

PRIORITY APPLN. INFO.:      US 1999-136781P      P      19990528

US 2000-579664      A3      20000526

WO 2000-US14696      W      20000526

REFERENCE COUNT:      10      THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 93 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER:      2000:756836 HCAPLUS

DOCUMENT NUMBER:      133:318300

TITLE:      **Human** homologs of Drosophila fused gene and  
protein

INVENTOR(S):      Mosca, Monica; Isacchi, Antonella

PATENT ASSIGNEE(S):      Pharmacia & Upjohn S.p.A, Italy

SOURCE:      PCT Int. Appl., 64 pp.  
CODEN: PIXXD2

DOCUMENT TYPE:      Patent

LANGUAGE:      English

FAMILY ACC. NUM. COUNT:      1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000063352	A2	20001026	WO 2000-EP2761	20000329
WO 2000063352	A3	20010201		
W:		AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM		
RW:		GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG		
EP 1171580	A2	20020116	EP 2000-926771	20000329
R:		AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO		
JP 2002541837	T2	20021210	JP 2000-612431	20000329
PRIORITY APPLN. INFO.:			GB 1999-8798	A 19990416
			WO 2000-EP2761	W 20000329

L13 ANSWER 94 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER:      2000:756527 HCAPLUS

DOCUMENT NUMBER:      133:325643

TITLE:      Antifibrotic formulations containing inhibitors of  
cell-volume-regulated **human kinase**  
h-sgk

INVENTOR(S):      Lang, Florian; Waldegger, Siegfried; Wagner, Carsten;  
Broer, Stefan; Klingel, Karin

PATENT ASSIGNEE(S): Germany  
 SOURCE: PCT Int. Appl., 32 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000062781	A1	20001026	WO 2000-EP3578	20000419
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
DE 19917990	A1	20001102	DE 1999-19917990	19990420
BR 2000009914	A	20020108	BR 2000-9914	20000419
EP 1171131	A1	20020116	EP 2000-922655	20000419
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002542196	T2	20021210	JP 2000-611917	20000419
NO 2001005054	A	20011214	NO 2001-5054	20011017
PRIORITY APPLN. INFO.: DE 1999-19917990 A 19990420 WO 2000-EP3578 W 20000419				
REFERENCE COUNT: 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT				

L13 ANSWER 95 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
 ACCESSION NUMBER: 2001:174516 HCAPLUS  
 DOCUMENT NUMBER: 134:188983  
 TITLE: Human UMP-CMP **kinase** (UCK) and its coding sequence, preparing process and application  
 INVENTOR(S): Yu, Long; Zhao, Yong; Fu, Qiang; Zhang, Honglai; Zhao, Shouyuan  
 PATENT ASSIGNEE(S): Fudan Univ., Peop. Rep. China  
 SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 19 pp.  
 CODEN: CNXXEV  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Chinese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 1264740	A	20000830	CN 1999-102449	19990226
PRIORITY APPLN. INFO.: CN 1999-102449 19990226				

L13 ANSWER 96 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
 ACCESSION NUMBER: 2000:129376 HCAPLUS  
 DOCUMENT NUMBER: 132:290285  
 TITLE: PSK, a novel STE20-like **kinase** derived from prostatic **carcinoma** that activates the c-Jun N-terminal **kinase** mitogen-activated protein **kinase** pathway and regulates actin cytoskeletal organization  
 AUTHOR(S): Moore, Tanya M.; Garg, Ritu; Johnson, Caroline; Coptcoat, Malcolm J.; Ridley, Anne J.; Morris, Jonathan D. H.  
 CORPORATE SOURCE: Molecular Oncology Laboratory, Department of Academic

SOURCE: Surgery, Rayne Institute, King's College School of  
Medicine and Dentistry, London, SE5 9NU, UK  
Journal of Biological Chemistry (2000), 275(6),  
4311-4322  
CODEN: JBCHA3; ISSN: 0021-9258  
PUBLISHER: American Society for Biochemistry and Molecular  
Biology  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 77 THERE ARE 77 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 97 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 2000:578276 HCAPLUS  
DOCUMENT NUMBER: 133:264756  
TITLE: **Human** endothelial cells **expressing**  
polyoma middle T induce tumors  
AUTHOR(S): Primo, Luca; Roca, Cristina; Ferrandi, Chiara;  
Lanfranccone, Luisa; Bussolino, Federico  
CORPORATE SOURCE: Institute for Cancer Research and Treatment  
(I.R.C.C.), Turin, 10060, Italy  
SOURCE: Oncogene (2000), 19(32), 3632-3641  
CODEN: ONCNES; ISSN: 0950-9232  
PUBLISHER: Nature Publishing Group  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 56 THERE ARE 56 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 98 OF 188 MEDLINE on STN DUPLICATE 9  
ACCESSION NUMBER: 2000171270 MEDLINE  
DOCUMENT NUMBER: 20171270 PubMed ID: 10704392  
TITLE: The C. elegans par-4 gene encodes a putative  
serine-threonine **kinase** required for establishing  
**embryonic** asymmetry.  
AUTHOR: Watts J L; Morton D G; Bestman J; Kempfues K J  
CORPORATE SOURCE: Section of Genetics and Development, Cornell University,  
Ithaca, New York 14853, USA.  
CONTRACT NUMBER: HD27689 (NICHD)  
SOURCE: DEVELOPMENT, (2000 Apr) 127 (7) 1467-75.  
Journal code: 8701744. ISSN: 0950-1991.  
PUB. COUNTRY: ENGLAND: United Kingdom  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 200004  
ENTRY DATE: Entered STN: 20000505  
Last Updated on STN: 20021210  
Entered Medline: 20000426

L13 ANSWER 99 OF 188 MEDLINE on STN DUPLICATE 10  
ACCESSION NUMBER: 2000483169 MEDLINE  
DOCUMENT NUMBER: 20445994 PubMed ID: 10990492  
TITLE: Isolation and **expression** of PASK, a  
serine/threonine **kinase**, during rat  
**embryonic** development, with special emphasis on the  
pancreas.  
AUTHOR: Miao N; Fung B; Sanchez R; Lydon J; Barker D; Pang K  
CORPORATE SOURCE: Ontogeny, Inc., Cambridge, Massachusetts 02138-1118, USA.  
SOURCE: JOURNAL OF HISTOCHEMISTRY AND CYTOCHEMISTRY, (2000 Oct) 48  
(10) 1391-400.  
Journal code: 9815334. ISSN: 0022-1554.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 200010  
ENTRY DATE: Entered STN: 20001019  
Last Updated on STN: 20020420  
Entered Medline: 20001010

L13 ANSWER 100 OF 188 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN  
ACCESSION NUMBER: 2000:266075 BIOSIS  
DOCUMENT NUMBER: PREV2000000266075  
TITLE: Characterization of hPRP4 **kinase** activation:  
Potential role in signaling.  
AUTHOR(S): Huang, Yong [Reprint author]; Deng, Tiliang; Winston, Brent  
W. [Reprint author]  
CORPORATE SOURCE: Department of Medicine, University of Calgary, Calgary,  
Alberta, T2N 4N1, Canada  
SOURCE: Biochemical and Biophysical Research Communications, (May  
10, 2000) Vol. 271, No. 2, pp. 456-463. print.  
CODEN: BBRCA9. ISSN: 0006-291X.  
DOCUMENT TYPE: Article  
LANGUAGE: English  
ENTRY DATE: Entered STN: 30 Jun 2000  
Last Updated on STN: 5 Jan 2002

L13 ANSWER 101 OF 188 LIFESCI COPYRIGHT 2003 CSA on STN  
ACCESSION NUMBER: 2000:98702 LIFESCI  
TITLE: Assignment of **human** GADD45G to chromosome 9q22.1  
arrow right q22.3 by radiation hybrid mapping  
AUTHOR: Gong, R.; Yu, L.; Zhang, H.; Tu, Q.; Zhao, Y.; Yang, J.;  
Xu, Y.; Zhao, S.  
CORPORATE SOURCE: Institute of Genetics, Fudan University, 220 Handan Road,  
Shanghai 200433 P.R., China; E-mail: longyu@fudan.edu.cn  
SOURCE: Cytogenetics and Cell Genetics [Cytogenet. Cell Genet.],  
(20000000) vol. 88, no. 1-2, pp. 95-96.  
ISSN: 0301-0171.  
DOCUMENT TYPE: Journal  
FILE SEGMENT: G  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L13 ANSWER 102 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 2000:409160 HCAPLUS  
DOCUMENT NUMBER: 133:346308  
TITLE: **Human** sphingosine **kinase**:  
molecular **cloning**, functional  
characterization and tissue distribution  
AUTHOR(S): Melendez, A. J.; Carlos-Dias, E.; Gosink, M.; Allen,  
J. M.; Takacs, L.  
CORPORATE SOURCE: Department of Molecular and Cellular Biology, Institut  
de Recherche Jouveinal/Parke-Davis, Fresnes, 94265,  
Fr.  
SOURCE: Gene (2000), 251(1), 19-26  
CODEN: GENED6; ISSN: 0378-1119  
PUBLISHER: Elsevier Science B.V.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 103 OF 188 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT/ISI on STN  
ACCESSION NUMBER: 2000-01116 BIOTECHDS  
TITLE: Novel **kinase**-related proteins used for the  
diagnosis and treatment of **kinase**-related diseases  
and disorders;

**expression** in host cell, DNA probe, monoclonal antibody and hybridoma used for gene therapy and drug screening

AUTHOR: Plowman G; Martinez R; Whyte D  
PATENT ASSIGNEE: Sugen  
LOCATION: South San Francisco, CA, USA.  
PATENT INFO: WO 9953036 21 Oct 1999  
APPLICATION INFO: WO 1999-US8150 13 Apr 1999  
PRIORITY INFO: US 1998-81784 14 Apr 1998  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 1999-611301 [52]

L13 ANSWER 104 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 1999:672998 HCAPLUS  
DOCUMENT NUMBER: 131:307685  
TITLE: **Human** ovarian **carcinoma** nucleic acids and proteins and their use in drug screening and therapy  
INVENTOR(S): Specht, Thomas; Hinzmann, Bernd; Schmitt, Armin; Pilarsky, Christian; Dahl, Edgar; Rosenthal, Andre  
PATENT ASSIGNEE(S): Metagen Gesellschaft Fur Genomforschung m.b.H., Germany  
SOURCE: PCT Int. Appl., 335 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: German  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9953040	A2	19991021	WO 1999-DE1087	19990407
WO 9953040	A3	20000706		
W: JP, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
DE 19817557	A1	19991021	DE 1998-19817557	19980409
EP 1073727	A2	20010207	EP 1999-945687	19990407
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, LI, NL, SE, PT, IE, FI				
JP 2002511252	T2	20020416	JP 2000-543588	19990407
EP 1291422	A2	20030312	EP 2002-90198	19990407
EP 1291422	A3	20030319		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, LI, NL, SE, PT, IE, FI, CY				
US 2003105315	A1	20030605	US 2002-272138	20021015
PRIORITY APPLN. INFO.:			DE 1998-19817557 A	19980409
			EP 1999-945687 A3	19990407
			WO 1999-DE1087 W	19990407
			US 2000-646778 A3	20000922

L13 ANSWER 105 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 1999:315403 HCAPLUS  
DOCUMENT NUMBER: 131:99243  
TITLE: Characterization of a novel type of serine/threonine **kinase** that specifically phosphorylates the **human** Goodpasture antigen  
AUTHOR(S): Raya, Angel; Revert, Fernando; Navarro, Samuel; Saus, Juan  
CORPORATE SOURCE: Fundacion Valenciana de Investigaciones Biomedicas, Instituto de Investigaciones Citologicas, Valencia, 46010, Spain  
SOURCE: Journal of Biological Chemistry (1999), 274(18), 12642-12649  
CODEN: JBCHA3; ISSN: 0021-9258

PUBLISHER: American Society for Biochemistry and Molecular  
Biology  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 41 THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 106 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 1999:191938 HCAPLUS  
DOCUMENT NUMBER: 131:54562  
TITLE: Cell cycle-dependent **expression** and  
centrosome localization of a third **human**  
Aurora/Ipl1-related protein **kinase**, AIK3  
AUTHOR(S): Kimura, Masashi; Matsuda, Yoichi; Yoshioka, Takashi;  
Okano, Yukio  
CORPORATE SOURCE: Department of Molecular Pathobiochemistry, Gifu  
University School of Medicine, Gifu, 500-8705, Japan  
SOURCE: Journal of Biological Chemistry (1999), 274(11),  
7334-7340  
CODEN: JBCHA3; ISSN: 0021-9258  
PUBLISHER: American Society for Biochemistry and Molecular  
Biology  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 42 THERE ARE 42 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 107 OF 188 LIFESCI COPYRIGHT 2003 CSA on STN  
ACCESSION NUMBER: 2000:74638 LIFESCI  
TITLE: **Cloning** of a cDNA encoding a Pim1 homologue in  
zebrafish, *Danio rerio*  
AUTHOR: Icard-Liepkalns, C.; Haire, R.N.; Strong, S.J.; Litman,  
G.W.\*  
CORPORATE SOURCE: Department of Pediatrics, University of South Florida  
College of Medicine, All Children's Hospital, 801 Sixth  
Street South, St. Petersburg, FL 33701, USA; E-mail:  
litmang@allkids.org  
SOURCE: Immunogenetics, (19990000) vol. 49, no. 4, pp. 351-353.  
ISSN: 0093-7711.  
DOCUMENT TYPE: Journal  
FILE SEGMENT: F; G; Q4  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L13 ANSWER 108 OF 188 MEDLINE on STN DUPLICATE 11  
ACCESSION NUMBER: 1999333434 MEDLINE  
DOCUMENT NUMBER: 99333434 PubMed ID: 10403904  
TITLE: A receptor tyrosine **kinase**, UFO/Axl, and other  
genes isolated by a modified differential display PCR are  
overexpressed in metastatic prostatic **carcinoma**  
cell line DU145.  
AUTHOR: Jacob A N; Kalapurakal J; Davidson W R; Kandpal G; Dunson  
N; Prashar Y; Kandpal R P  
CORPORATE SOURCE: Fels Institute for Cancer Research and Molecular Biology,  
Temple University School of Medicine, Philadelphia,  
Pennsylvania 19140, USA.  
SOURCE: CANCER DETECTION AND PREVENTION, (1999) 23 (4) 325-32.  
Journal code: 7704778. ISSN: 0361-090X.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
ENTRY MONTH: 199908  
ENTRY DATE: Entered STN: 19990816

Last Updated on STN: 20000303  
Entered Medline: 19990805

L13 ANSWER 109 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 1999:454081 HCAPLUS  
DOCUMENT NUMBER: 131:226949  
TITLE: **Human** glomerular epithelial cell  
**express** CD4 and interaction with gp120 protein  
promotes PYK2 tyrosine phosphorylation  
AUTHOR(S): Kapasi, Aditi A.; Franki, Nicholas; Ding, Guohua;  
Singhal, Pravin C.  
CORPORATE SOURCE: Department of Medicine, Long Island Jewish Medical  
Center, New Hyde Park, NY, 11040, USA  
SOURCE: Molecular Cell Biology Research Communication (1999),  
1(2), 140-143  
CODEN: MCBCFS; ISSN: 1522-4724  
PUBLISHER: Academic Press  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 110 OF 188 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT/ISI on STN  
ACCESSION NUMBER: 1999-00355 BIOTECHDS  
TITLE: **Human kinase** polynucleotide and  
**recombinant** product;  
DNA probe and antisense molecule used to produce  
**recombinant kinase**, and to identify  
disease-inhibitor  
AUTHOR: Au-Young J; Bandman O; Hawkins P R; Wilde C G  
PATENT ASSIGNEE: Incyte-Pharm.  
LOCATION: Palo Alto, CA, USA.  
PATENT INFO: US 5817479 6 Oct 1998  
APPLICATION INFO: US 1996-700575 7 Aug 1996  
PRIORITY INFO: US 1996-700575 7 Aug 1996  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 1998-556387 [47]

L13 ANSWER 111 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 1998:485180 HCAPLUS  
DOCUMENT NUMBER: 129:92256  
TITLE: **Cloning** of cDNA for two novel **human**  
serine/threonine **kinases** VRK1 and VRK2  
exhibiting structural similarity to vaccinia virus B1R  
**kinase**  
INVENTOR(S): Nezu, Jun-ichi; Oku, Asuka  
PATENT ASSIGNEE(S): Chugai Research Institute for Molecular Medicine,  
Inc., Japan  
SOURCE: PCT Int. Appl., 63 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9829552	A1	19980709	WO 1997-JP4855	19971225
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				



RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI,  
FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM,  
GA, GN, ML, MR, NE, SN, TD, TG

AU 9853406 A1 19980731 AU 1998-53406 19971225  
EP 960938 A1 19991201 EP 1997-950408 19971225  
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
IE, FI

US 6265194 B1 20010724 US 1999-344700 19990625  
US 2003171557 A1 20030911 US 2003-434588 20030509

PRIORITY APPLN. INFO.: JP 1996-357864 A 19961227  
WO 1997-JP4855 W 19971225  
US 1999-344700 A3 19990625  
US 2000-563997 A3 20000503

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 112 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 1998:471458 HCAPLUS  
DOCUMENT NUMBER: 129:119594  
TITLE: **Cloning** and cDNA sequences of **human**  
FLT4 receptor tyrosine **kinase** isoforms and  
stimulator ligand  
INVENTOR(S): Alitalo, Kari; Aprelikova, Olga; Pajusola, Katri;  
Armstrong, Elina; Korhonen, Jaana; Kaipainen, Arja  
PATENT ASSIGNEE(S): Helsinki University Licensing, Ltd., Finland  
SOURCE: U.S., 65 pp., Cont.-in-part of U. S. Ser. No. 959,951,  
abandoned.  
CODEN: USXXAM  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 12  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5776755	A	19980707	US 1994-340011	19941114
US 6221839	B1	20010424	US 1995-510133	19950801
US 6107046	A	20000822	US 1997-901710	19970728
WO 9833917	A1	19980806	WO 1998-US1973	19980202
W: AU, CA, CN, JP, NZ, US, US, US, US, US, US				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 755708	B2	20021219	AU 2000-10072	20000113
WO 2002060950	A2	20020808	WO 2002-US1784	20020122
WO 2002060950	A3	20030206		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRIORITY APPLN. INFO.:			US 1992-959951	B2 19921009
			US 1994-257754	B2 19940609
			US 1994-340011	A2 19941114
			US 1998-169079	A1 19941114
			US 1995-510133	A2 19950801
			US 1996-585895	A2 19960112
			US 1996-601132	A2 19960214
			US 1996-671573	A2 19960628
			AU 1996-66169	A3 19960801
			WO 1996-FI427	A2 19960801
			US 1997-795430	A2 19970205

US 1997-901710 A1 19970728  
US 2001-765534 A 20010119

REFERENCE COUNT: 136 THERE ARE 136 CITED REFERENCES AVAILABLE FOR  
THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE  
FORMAT

L13 ANSWER 113 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 1999:34800 HCAPLUS  
DOCUMENT NUMBER: 130:76180  
TITLE: **Human** serum glucocorticoid-regulated  
**kinase**, a target for chronic renal disease  
INVENTOR(S): Kumar, Janet M.  
PATENT ASSIGNEE(S): Smithkline Beecham Corporation, USA  
SOURCE: Eur. Pat. Appl., 17 pp.  
CODEN: EPXXDW  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 887081	A2	19981230	EP 1998-304189	19980527
EP 887081	A3	20000322		
EP 887081	B1	20030423		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
CA 2234417	AA	19981227	CA 1998-2234417	19980603
JP 11092401	A2	19990406	JP 1998-180437	19980626
PRIORITY APPLN. INFO.:			US 1997-51124P	P 19970627

L13 ANSWER 114 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 1998:604791 HCAPLUS  
DOCUMENT NUMBER: 129:213510  
TITLE: The **human** homolog of the cell volume  
regulated protein **kinase** sgk and the gene  
encoding it  
INVENTOR(S): Lang, Florian; Waldegger, Siegfried  
PATENT ASSIGNEE(S): Dade Behring Marburg G.m.b.H., Germany  
SOURCE: Eur. Pat. Appl., 15 pp.  
CODEN: EPXXDW  
DOCUMENT TYPE: Patent  
LANGUAGE: German  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 861896	A2	19980902	EP 1998-101338	19980127
EP 861896	A3	19991020		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
DE 19708173	A1	19980903	DE 1997-19708173	19970228
CA 2224404	AA	19980828	CA 1998-2224404	19980226
US 6326181	B1	20011204	US 1998-31295	19980226
JP 10248566	A2	19980922	JP 1998-46565	19980227
US 2003003559	A1	20030102	US 2001-39	20011204
PRIORITY APPLN. INFO.:			DE 1997-19708173	A 19970228
			US 1998-31295	A3 19980226

L13 ANSWER 115 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 1998:801100 HCAPLUS  
DOCUMENT NUMBER: 130:166419  
TITLE: The RET/PTC3 oncogene: metastatic solid-type papillary

**carcinomas** in murine thyroids  
 AUTHOR(S): Powell, Daniel J., Jr.; Russell, John; Nibu, Ken-Ichi;  
 Li, Guoqi; Rhee, Ed; Liao, Mickey; Goldstein, Michael;  
 Keane, William M.; Santoro, Massimo; Fusco, Alfredo;  
 Rothstein, Jay L.  
 CORPORATE SOURCE: Department of Otolaryngology-HNS Thomas Jefferson  
 University Kimmel Cancer Institute, Jefferson Medical  
 College, Philadelphia, PA, 19107, USA  
 SOURCE: Cancer Research (1998), 58(23), 5523-5528  
 CODEN: CNREA8; ISSN: 0008-5472  
 PUBLISHER: AACR Subscription Office  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 38 THERE ARE 38 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 116 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
 ACCESSION NUMBER: 1998:421052 HCAPLUS  
 DOCUMENT NUMBER: 129:172234  
 TITLE: **Human** cyclin K, a novel RNA polymerase  
 II-associated cyclin possessing both carboxy-terminal  
 domain **kinase** and Cdk-activating  
**kinase** activity  
 AUTHOR(S): Edwards, Michael C.; Wong, Calvin; Elledge, Stephen J.  
 CORPORATE SOURCE: Verna and Marrs McLean Department of Biochemistry and  
 Department of Molecular and Human Genetics, Howard  
 Hughes Medical Institute, Baylor College of Medicine,  
 Houston, TX, 77030, USA  
 SOURCE: Molecular and Cellular Biology (1998), 18(7),  
 4291-4300  
 CODEN: MCEBD4; ISSN: 0270-7306  
 PUBLISHER: American Society for Microbiology  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 67 THERE ARE 67 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 117 OF 188 MEDLINE on STN DUPLICATE 12  
 ACCESSION NUMBER: 1998243037 MEDLINE  
 DOCUMENT NUMBER: 98243037 PubMed ID: 9583679  
 TITLE: Murine NIMA-related **kinases** are **expressed**  
 in patterns suggesting distinct functions in gametogenesis  
 and a role in the nervous system.  
 AUTHOR: Arama E; Yanai A; Kilfin G; Bernstein A; Motro B  
 CORPORATE SOURCE: Department of Life Sciences, Bar-Ilan University,  
 Ramat-Gan, Israel.  
 SOURCE: ONCOGENE, (1998 Apr 9) 16 (14) 1813-23.  
 Journal code: 8711562. ISSN: 0950-9232.  
 PUB. COUNTRY: ENGLAND: United Kingdom  
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
 LANGUAGE: English  
 FILE SEGMENT: Priority Journals  
 OTHER SOURCE: GENBANK-AF013166  
 ENTRY MONTH: 199805  
 ENTRY DATE: Entered STN: 19980529  
 Last Updated on STN: 20020420  
 Entered Medline: 19980519

L13 ANSWER 118 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
 ACCESSION NUMBER: 1998:672265 HCAPLUS  
 DOCUMENT NUMBER: 130:36240  
 TITLE: **Human** Bub1: a putative spindle checkpoint  
**kinase** closely linked to cell proliferation  
 AUTHOR(S): Ouyang, Bin; Lan, Zhengdao; Meadows, Juliana; Pan,

CORPORATE SOURCE: Huiqi; Fukasawa, Kenji; Li, Wenqing; Dai, Wei  
Division of Hematology and Oncology, Department of  
Medicine, University of Cincinnati College of  
Medicine, Cincinnati, OH, 45267, USA  
SOURCE: Cell Growth & Differentiation (1998), 9(10), 877-885  
CODEN: CGDIE7; ISSN: 1044-9523  
PUBLISHER: American Association for Cancer Research  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 119 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 1998:61197 HCAPLUS  
DOCUMENT NUMBER: 128:202118  
TITLE: A family of **human** receptors structurally  
related to Drosophila Toll  
AUTHOR(S): Rock, Fernando L.; Hardiman, Gary; Timans, Jackie C.;  
Kastelein, Robert A.; Bazan, J. Fernando  
CORPORATE SOURCE: Protein Machine Group, Department of Molecular  
Biology, DNAX Research Institute, Palo Alto, CA,  
94304-1104, USA  
SOURCE: Proceedings of the National Academy of Sciences of the  
United States of America (1998), 95(2), 588-593  
CODEN: PNASA6; ISSN: 0027-8424  
PUBLISHER: National Academy of Sciences  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 55 THERE ARE 55 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 120 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 1998:206846 HCAPLUS  
DOCUMENT NUMBER: 129:1172  
TITLE: Molecular **cloning** of **human**  
**testis** mRNA specifically **expressed**  
in haploid germ cells, having structural homology with  
the A-**kinase** anchoring proteins  
AUTHOR(S): Mohapatra, Bhagyalaxmi; Verma, Saguna; Shankar,  
Srinivasan; Suri, Anil  
CORPORATE SOURCE: Genes and Proteins Laboratory, National Institute of  
Immunology, New Delhi, 110067, India  
SOURCE: Biochemical and Biophysical Research Communications  
(1998), 244(2), 540-545  
CODEN: BBRCA9; ISSN: 0006-291X  
PUBLISHER: Academic Press  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 121 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 1998:762766 HCAPLUS  
DOCUMENT NUMBER: 130:120302  
TITLE: **Cloning** of STK13, a third **human**  
protein **kinase** related to aurora and budding  
yeast lpl1 that maps on chromosome 19q13.3-ter  
AUTHOR(S): Bernard, M.; Sanseau, P.; Henry, C.; Couturier, A.;  
Prigent, C.  
CORPORATE SOURCE: Departement de Biologie et Genetique du Developpement,  
Groupe Cycle Cellulaire, CNRS UPr 41, Universite de  
Rennes I, Rennes, 35047, Fr.  
SOURCE: Genomics (1998), 53(3), 406-409  
CODEN: GNMCEP; ISSN: 0888-7543

PUBLISHER: Academic Press  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 122 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 1999:16930 HCAPLUS  
DOCUMENT NUMBER: 130:206559  
TITLE: Identification of a **human** cDNA encoding a  
**kinase**-defective Cdk5 isoform  
AUTHOR(S): Moorthamer, Mark; Zumstein-Mecker, Sabine; Stephan,  
Christine; Mittl, Peer; Chaudhuri, Bhabatosh  
CORPORATE SOURCE: Oncology Research, Novartis Pharma AG, Basel,  
WKL-125.13.17, Switz.  
SOURCE: Biochemical and Biophysical Research Communications  
(1998), 253(2), 305-310  
CODEN: BBRC A9; ISSN: 0006-291X  
PUBLISHER: Academic Press  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 123 OF 188 SCISEARCH COPYRIGHT 2003 THOMSON ISI on STN  
ACCESSION NUMBER: 1998:219939 SCISEARCH  
THE GENUINE ARTICLE: ZB255  
TITLE: C-TAK1 protein **kinase** phosphorylates  
**human** Cdc25C on serine 216 and promotes 14-3-3  
protein binding  
AUTHOR: Peng C Y; Graves P R; Ogg S; Thoma R S; Byrnes M J; Wu Z  
Q; Stephenson M T; PiwnickaWorms H (Reprint)  
CORPORATE SOURCE: WASHINGTON UNIV, SCH MED, DEPT CELL BIOL & PHYSIOL, BOX  
8228, 660 S EUCLID AVE, ST LOUIS, MO 63110 (Reprint);  
WASHINGTON UNIV, SCH MED, DEPT CELL BIOL & PHYSIOL, ST  
LOUIS, MO 63110; WASHINGTON UNIV, SCH MED, HOWARD HUGHES  
MED INST, ST LOUIS, MO 63110; HARVARD UNIV, SCH MED, COMM  
VIROL, BOSTON, MA 02115; MASSACHUSETTS GEN HOSP, DEPT MOL  
BIOL, BOSTON, MA 02114  
COUNTRY OF AUTHOR: USA  
SOURCE: CELL GROWTH & DIFFERENTIATION, (MAR 1998) Vol. 9, No. 3,  
pp. 197-208.  
Publisher: AMER ASSOC CANCER RESEARCH, PO BOX 11806,  
BIRMINGHAM, AL 35202.  
ISSN: 1044-9523.  
DOCUMENT TYPE: Article; Journal  
FILE SEGMENT: LIFE  
LANGUAGE: English  
REFERENCE COUNT: 46  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L13 ANSWER 124 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 1998:193902 HCAPLUS  
DOCUMENT NUMBER: 129:14591  
TITLE: **Cloning** of **human** p55.gamma., a  
regulatory subunit of phosphatidylinositol 3-  
**kinase**, by a yeast two-hybrid library screen  
with the insulin-like growth factor-I receptor  
AUTHOR(S): Dey, Bhakta R.; Furlanetto, Richard W.; Nissley, S.  
Peter  
CORPORATE SOURCE: National Cancer Institute, Metabolism Branch, National  
Institutes of Health, Bethesda, MD, 20892, USA  
SOURCE: Gene (1998), 209(1/2), 175-183  
CODEN: GENED6; ISSN: 0378-1119

PUBLISHER: Elsevier Science B.V.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 125 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 1998:390758 HCAPLUS  
DOCUMENT NUMBER: 129:159953  
TITLE: First continuous **human** pheochromocytoma cell  
line: KNA biological, cytogenetic and molecular  
characterization of KNA cells  
AUTHOR(S): Pfragner, R.; Behmel, A.; Smith, D. P.; Ponder, B. A.  
J.; Wirnsberger, G.; Rinner, I.; Porta, S.; Henn, T.;  
Niederle, B.  
CORPORATE SOURCE: Department of General and Experimental Pathology,  
Medical School, University of Graz, Graz, A-8010,  
Austria  
SOURCE: Journal of Neurocytology (1998), 27(3), 175-186  
CODEN: JNCYA2; ISSN: 0300-4864  
PUBLISHER: Chapman & Hall  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 55 THERE ARE 55 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 126 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 1998:513247 HCAPLUS  
DOCUMENT NUMBER: 129:240625  
TITLE: **Human** ULK1, a novel serine/threonine  
**kinase** related to UNC-51 **kinase** of  
Caenorhabditis elegans: cDNA **cloning**,  
**expression**, and chromosomal assignment  
AUTHOR(S): Kuroyanagi, Hidehito; Yan, Jin; Seki, Naohiko;  
Yamanouchi, Yasuko; Suzuki, Yo-ichi; Takano, Takako;  
Muramatsu, Masa-aki; Shirasawa, Takuji  
CORPORATE SOURCE: Department of Mol. Genetics, Tokyo Metropolitan Inst.  
of Gerontology, Tokyo, 173-0015, Japan  
SOURCE: Genomics (1998), 51(1), 76-85  
CODEN: GNMCEP; ISSN: 0888-7543  
PUBLISHER: Academic Press  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 127 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 1998:441487 HCAPLUS  
DOCUMENT NUMBER: 129:120520  
TITLE: A molecular model of **human** branched-chain  
amino acid metabolism  
AUTHOR(S): Suryawan, Agus; Hawes, John W.; Harris, Robert A.;  
Shimomura, Yoshiharu; Jenkins, Anne E.; Hutson, Susan  
M.  
CORPORATE SOURCE: Department of Biochemistry, Wake Forest University  
School of Medicine, Winston-Salem, NC, 27157, USA  
SOURCE: American Journal of Clinical Nutrition (1998), 68(1),  
72-81  
CODEN: AJCNAC; ISSN: 0002-9165  
PUBLISHER: American Society for Clinical Nutrition  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 49 THERE ARE 49 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 128 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
 ACCESSION NUMBER: 1998:29361 HCAPLUS  
 DOCUMENT NUMBER: 128:152647  
 TITLE: Peutz-Jeghers syndrome is caused by mutations in a novel serine threonine **kinase**  
 AUTHOR(S): Jenne, Dieter E.; Reimann, Heike; Nezu, Jun-ichi; Friedel, Waltraut; Loff, Steffan; Jeschke, Reinhard; Muller, Oliver; Back, Walter; Zimmer, Michael  
 CORPORATE SOURCE: Dep. Neuroimmunol., Max-Planck-Inst. Psychiatry, Martinsried, 82152, Germany  
 SOURCE: Nature Genetics (1998), 18(1), 38-43  
 CODEN: NGENEC; ISSN: 1061-4036  
 PUBLISHER: Nature America  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 129 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
 ACCESSION NUMBER: 1999:28369 HCAPLUS  
 DOCUMENT NUMBER: 130:233939  
 TITLE: **Human AIM-1: cDNA cloning** and reduced **expression** during endomitosis in megakaryocyte-lineage cells  
 AUTHOR(S): Katayama, Hiroshi; Ota, Takahide; Morita, Kimiko; Terada, Yasuhiko; Suzuki, Fumio; Katoh, Osamu; Tatsuka, Masaaki  
 CORPORATE SOURCE: Research Institute for Radiation Biology and Medicine, Department of Regulatory Radiobiology, Hiroshima University, Hiroshima, 734-8553, Japan  
 SOURCE: Gene (1998), 224(1-2), 1-7  
 CODEN: GENED6; ISSN: 0378-1119  
 PUBLISHER: Elsevier Science B.V.  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 130 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
 ACCESSION NUMBER: 1997:746066 HCAPLUS  
 DOCUMENT NUMBER: 128:10900  
 TITLE: **human kinase** gene SOK-1 cDNA sequence and methods for detection of modulators of **kinase** activity  
 INVENTOR(S): Force, Thomas; Kyriakis, John M.; Pombo, Celia M.; Bonventre, Joseph  
 PATENT ASSIGNEE(S): General Hospital Corporation, USA  
 SOURCE: PCT Int. Appl., 48 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9742212	A1	19971113	WO 1997-US7739	19970507
W: AU, CA, CN, IL, JP				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9731182	A1	19971126	AU 1997-31182	19970507
PRIORITY APPLN. INFO.:			US 1996-16774P	P 19960507
			WO 1997-US7739	W 19970507

L13 ANSWER 131 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
 ACCESSION NUMBER: 1997:457222 HCAPLUS  
 DOCUMENT NUMBER: 127:77001  
 TITLE: MCCS-1 - a **human** cell cycle checkpoint  
 PIK-related **kinase** involved in DNA repair, a  
 cDNA encoding it and chemo- and radio- therapy related  
 uses of the enzyme  
 INVENTOR(S): Hoekstra, Merl F.; Holtzman, Doug A.; Keegan, Kathleen  
 S.  
 PATENT ASSIGNEE(S): Icos Corp., USA  
 SOURCE: PCT Int. Appl., 210 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9718323	A2	19970522	WO 1996-US19337	19961118
WO 9718323	A3	19971009		
W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN				
RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
CA 2210650	AA	19970522	CA 1996-2210650	19961118
AU 9714611	A1	19970605	AU 1997-14611	19961118
EP 807169	A2	19971119	EP 1996-945181	19961118
EP 807169	A3	19980311		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
CN 1199420	A	19981118	CN 1996-192586	19961118
JP 2002515732	T2	20020528	JP 1997-519180	19961118
FI 9703005	A	19970915	FI 1997-3005	19970715
NO 9703279	A	19970916	NO 1997-3279	19970715
PRIORITY APPLN. INFO.:			US 1995-558666	A 19951116
			US 1996-7312	A 19960227
			US 1996-725304	A 19961021
			WO 1996-US19337	W 19961118

L13 ANSWER 132 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
 ACCESSION NUMBER: 1997:280024 HCAPLUS  
 DOCUMENT NUMBER: 127:2396  
 TITLE: **Human** pyridoxal **kinase**. cDNA  
**cloning, expression,** and modulation  
 by ligands of the benzodiazepine receptor  
 AUTHOR(S): Hanna, Michael C.; Turner, Anthony J.; Kirkness, Ewen  
 F.  
 CORPORATE SOURCE: Inst. Genomic Res., Rockville, MD, 20850, USA  
 SOURCE: Journal of Biological Chemistry (1997), 272(16),  
 10756-10760  
 CODEN: JBCHA3; ISSN: 0021-9258  
 PUBLISHER: American Society for Biochemistry and Molecular  
 Biology  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

L13 ANSWER 133 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
 ACCESSION NUMBER: 1997:196057 HCAPLUS  
 DOCUMENT NUMBER: 126:291694  
 TITLE: Monocyte cells and cancer cells **express**



novel paxillin isoforms with different binding properties to focal adhesion proteins

AUTHOR(S): Mazaki, Yuichi; Hashimoto, Shigeru; Sabe, Hisataka  
 CORPORATE SOURCE: Inst. Virus Res., Kyoto Univ., Kyoto, 606, Japan  
 SOURCE: Journal of Biological Chemistry (1997), 272(11), 7437-7444  
 CODEN: JBCHA3; ISSN: 0021-9258

PUBLISHER: American Society for Biochemistry and Molecular Biology

DOCUMENT TYPE: Journal

LANGUAGE: English

L13 ANSWER 134 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
 ACCESSION NUMBER: 1997:493972 HCAPLUS  
 DOCUMENT NUMBER: 127:200956  
 TITLE: **Human** and *Xenopus* cDNAs encoding budding yeast Cdc7-related **kinases**: in vitro phosphorylation of MCM subunits by a putative **human** homolog of Cdc7

AUTHOR(S): Sato, Noriko; Arai, Ken-Ichi; Masai, Hisao  
 CORPORATE SOURCE: Department of Molecular and Developmental Biology, Institute of Medical Science, University of Tokyo, Tokyo, 108, Japan  
 SOURCE: EMBO Journal (1997), 16(14), 4340-4351  
 CODEN: EMJODG; ISSN: 0261-4189

PUBLISHER: Oxford University Press

DOCUMENT TYPE: Journal

LANGUAGE: English

L13 ANSWER 135 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
 ACCESSION NUMBER: 1998:61691 HCAPLUS  
 DOCUMENT NUMBER: 128:165661  
 TITLE: The **human** papillomavirus-16 E6 oncoprotein decreases the vigilance of mitotic checkpoints

AUTHOR(S): Thompson, David A.; Belinsky, Glenn; Chang, Ted H. -T.; Jones, D. Leanne; Schlegel, Robert; Munger, Karl  
 CORPORATE SOURCE: Department of Pathology, Harvard Medical School, Boston, MA, 02115, USA  
 SOURCE: Oncogene (1997), 15(25), 3025-3035  
 CODEN: ONCNES; ISSN: 0950-9232

PUBLISHER: Stockton Press

DOCUMENT TYPE: Journal

LANGUAGE: English

REFERENCE COUNT: 56 THERE ARE 56 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 136 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
 ACCESSION NUMBER: 1997:680901 HCAPLUS  
 DOCUMENT NUMBER: 127:326809  
 TITLE: Phosphorylation of the **human** calcitonin receptor by multiple **kinases** is localized to the C-terminus

AUTHOR(S): Nygaard, Sean C.; Kuestner, Rolf E.; Moore, Emma E.; Stroop, Steven D.  
 CORPORATE SOURCE: ZymoGenetics, Inc., Seattle, WA, USA  
 SOURCE: Journal of Bone and Mineral Research (1997), 12(10), 1681-1690  
 CODEN: JBMREJ; ISSN: 0884-0431

PUBLISHER: Blackwell

DOCUMENT TYPE: Journal

LANGUAGE: English

L13 ANSWER 137 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
 ACCESSION NUMBER: 1997:705075 HCAPLUS

DOCUMENT NUMBER: 128:10745  
 TITLE: **Cloning** and partial sequencing of a novel  
**human** activin receptor-like **kinase**  
 AUTHOR(S): Ohno, Tsukasa; Imai, Atsushi; Takagi, Atsushi; Horibe,  
 Shinji; Takagi, Hiroshi; Tamaya, Teruhiko  
 CORPORATE SOURCE: Department of Obstetrics and Gynecology, Gifu  
 University School of Medicine, Tsukasamachi, 500,  
 Japan  
 SOURCE: Oncology Reports (1997), 4(6), 1349-1351  
 CODEN: OCRPEW; ISSN: 1021-335X  
 PUBLISHER: Oncology Reports  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 138 OF 188 SCISEARCH COPYRIGHT 2003 THOMSON ISI on STN  
 ACCESSION NUMBER: 97:904255 SCISEARCH  
 THE GENUINE ARTICLE: YJ325  
 TITLE: Characterisation of novel **human** lung  
**carcinoma** cell lines selected for resistance to  
 anti-neoplastic analogues of staurosporine  
 AUTHOR: Courage C; Bradder S M; Jones T; SchultzeMosgau M H;  
 Gescher A (Reprint)  
 CORPORATE SOURCE: UNIV LEICESTER, MRC, TOXICOL UNIT, HODGKIN BLDG, POB 138,  
 LEICESTER LE1 9HN, LEICS, ENGLAND (Reprint); UNIV  
 LEICESTER, MRC, TOXICOL UNIT, LEICESTER LE1 9HN, LEICS,  
 ENGLAND  
 COUNTRY OF AUTHOR: ENGLAND  
 SOURCE: INTERNATIONAL JOURNAL OF CANCER, (27 NOV 1997) Vol. 73,  
 No. 5, pp. 763-768.  
 Publisher: WILEY-LISS, DIV JOHN WILEY & SONS INC, 605  
 THIRD AVE, NEW YORK, NY 10158-0012.  
 ISSN: 0020-7136.  
 DOCUMENT TYPE: Article; Journal  
 FILE SEGMENT: LIFE  
 LANGUAGE: English  
 REFERENCE COUNT: 37  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L13 ANSWER 139 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
 ACCESSION NUMBER: 1997:316553 HCAPLUS  
 DOCUMENT NUMBER: 127:1463  
 TITLE: **Human** SAK related to the PLK/polo family of  
 cell cycle **kinases** shows high mRNA  
**expression** in **testis**  
 AUTHOR(S): Karn, Thomas; Holtrich, Uwe; Wolf, Georg; Hock,  
 Bjoern; Strebhardt, Klaus; Ruebsamen-Waigmann, Helga  
 CORPORATE SOURCE: Chemotherapeutisches Forschungsinstitut, Frankfurt,  
 60596, Germany  
 SOURCE: Oncology Reports (1997), 4(3), 505-510  
 CODEN: OCRPEW; ISSN: 1021-335X  
 PUBLISHER: Oncology Reports  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

L13 ANSWER 140 OF 188 EMBASE COPYRIGHT 2003 ELSEVIER INC. ALL RIGHTS  
 RESERVED. on STN DUPLICATE 13  
 ACCESSION NUMBER: 97297184 EMBASE  
 DOCUMENT NUMBER: 1997297184  
 TITLE: Correlation between G1 cyclins and HPV in the uterine  
 cervix.  
 AUTHOR: Nam Hoon Cho; Young Tae Kim; Jae Wook Kim  
 CORPORATE SOURCE: Dr. N.H. Cho, Department of Pathology, Yonsei Univ. College

of Medicine, 146-92, Dogok-dong, Kangnam-ku, Seoul 135-270,  
Korea, Republic of  
SOURCE: International Journal of Gynecological Pathology, (1997)  
16/4 (339-347).  
Refs: 38  
ISSN: 0277-1691 CODEN: IJGPDR  
COUNTRY: United States  
DOCUMENT TYPE: Journal; Article  
FILE SEGMENT: 004 Microbiology  
005 General Pathology and Pathological Anatomy  
010 Obstetrics and Gynecology  
016 Cancer  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L13 ANSWER 141 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 1997:702583 HCAPLUS  
DOCUMENT NUMBER: 128:44418  
TITLE: Identification of two novel **human** putative  
serine/threonine **kinases**, VRK1 and VRK2,  
with structural similarity to vaccinia virus B1R  
**kinase**  
AUTHOR(S): Nezu, Jun-ichi; Oku, Asuka; Jones, Michael H.;  
Shimane, Miyuki  
CORPORATE SOURCE: Gene Search Program, Chugai Res. Inst. Mol. Med.,  
Niihari, 300-41, Japan  
SOURCE: Genomics (1997), 45(2), 327-331  
CODEN: GNMCEP; ISSN: 0888-7543  
PUBLISHER: Academic  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L13 ANSWER 142 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 1997:470917 HCAPLUS  
DOCUMENT NUMBER: 127:117147  
TITLE: **Human** colon **carcinoma** cells  
transduced with thymidine **kinase** gene were  
sensitive to several prodrugs  
AUTHOR(S): Jiang, Qiong; Ge, Kai; Xu, De-Hua; Zheng, Zhong-Cheng;  
Liu, Xin-Yuan  
CORPORATE SOURCE: Shanghai Inst. Biochem., Acad. Sin., Shanghai, 200031,  
Peop. Rep. China  
SOURCE: Shengwu Huaxue Zazhi (1997), 13(3), 270-275  
CODEN: SHZAE4; ISSN: 1000-8543  
PUBLISHER: Zhongguo Shengwu Huaxue Yu Fenzi Shengwu Xuehui  
DOCUMENT TYPE: Journal  
LANGUAGE: Chinese

L13 ANSWER 143 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 1997:2706 HCAPLUS  
DOCUMENT NUMBER: 126:70971  
TITLE: The **human** gene for the regulatory subunit  
RI.alpha. of cyclic adenosine 3',5'-monophosphate-  
dependent protein **kinase**: two distinct  
promoters provide differential regulation of  
alternatively spliced messenger ribonucleic acids  
AUTHOR(S): Solberg, Rigmor; Sandberg, Maerten; Natarajan,  
Vasanti; Torjesen, Peter A.; Hansson, Vidar; Jahnsen,  
Tore; Tasken, Kjetil  
CORPORATE SOURCE: Institute of Medical Biochemistry, University of Oslo,  
Oslo, Norway  
SOURCE: Endocrinology (1997), 138(1), 169-181

CODEN: ENDOAO; ISSN: 0013-7227  
PUBLISHER: Endocrine Society  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L13 ANSWER 144 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 1996:498524 HCAPLUS  
DOCUMENT NUMBER: 125:215535  
TITLE: prk, A cytokine-inducible **human** protein  
serine/threonine **kinase** whose  
**expression** appears to be down-regulated in  
lung **carcinomas**

AUTHOR(S): Li, Bo; Ouyang, Bin; Pan, Huiqi; Reissmann, Peter T.;  
Slamon, Dennis J.; Arceci, Robert; Lu, Luo; Dai, Wei  
CORPORATE SOURCE: Div. Hematol. Oncol., Univ. Cincinnati Coll. Med.,  
Cincinnati, OH, 45267, USA  
SOURCE: Journal of Biological Chemistry (1996), 271(32),  
19402-19408  
CODEN: JBCHA3; ISSN: 0021-9258  
PUBLISHER: American Society for Biochemistry and Molecular  
Biology  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L13 ANSWER 145 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 1996:312447 HCAPLUS  
DOCUMENT NUMBER: 125:27254  
TITLE: **Cloning** and characterization of GRB14, a  
novel member of the GRB7 gene family  
AUTHOR(S): Daly, Roger J.; Sanderson, Georgina M.; Janes, Peter  
W.; Sutherland, Robert L.  
CORPORATE SOURCE: Cancer Biol. Div., Garvan Inst. Med. Res., New South  
Wales, 2010, Australia  
SOURCE: Journal of Biological Chemistry (1996), 271(21),  
12502-12510  
CODEN: JBCHA3; ISSN: 0021-9258  
PUBLISHER: American Society for Biochemistry and Molecular  
Biology  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L13 ANSWER 146 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 1996:256015 HCAPLUS  
DOCUMENT NUMBER: 124:311096  
TITLE: Molecular **cloning** of a novel **human**  
diacylglycerol **kinase** highly selective for  
arachidonate-containing substrates  
AUTHOR(S): Tang, Wen; Bunting, Michaeline; Zimmerman, Guy A.;  
McIntyre, Thomas M.; Prescott, Stephen M.  
CORPORATE SOURCE: Program Human Mol. Biol. Genet., Univ. Utah, Salt Lake  
City, UT, 84112, USA  
SOURCE: Journal of Biological Chemistry (1996), 271(17),  
10237-41  
CODEN: JBCHA3; ISSN: 0021-9258  
PUBLISHER: American Society for Biochemistry and Molecular  
Biology  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L13 ANSWER 147 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 1996:299766 HCAPLUS  
DOCUMENT NUMBER: 124:339596  
TITLE: M6P/IGF2 receptor: a candidate breast tumor suppressor  
gene

AUTHOR(S) : Hankins, Gerald R.; De Souza, Angus T.; Bentley, Rex C.; Patel, Mihir R.; Marks, Jeffery R.; Iglehart, James D.; Jirtle, Randy L.  
CORPORATE SOURCE: Dep. Radiation Oncol., Duke Univ. Med. Cent., Durham, NC, 27710, USA  
SOURCE: Oncogene (1996), 12(9), 2003-2009  
CODEN: ONCNES; ISSN: 0950-9232  
PUBLISHER: Stockton  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L13 ANSWER 148 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 1996:655557 HCAPLUS  
DOCUMENT NUMBER: 125:294485  
TITLE: **Human** neural tissues **express** a truncated Ror1 receptor tyrosine **kinase**, lacking both extracellular and transmembrane domains  
AUTHOR(S) : Reddy, Usha R.; Phatak, Sagar; Pleasure, David  
CORPORATE SOURCE: Children's Hospital Of Philadelphia, University of Pennsylvania, Pennsylvania, PA, 19104, USA  
SOURCE: Oncogene (1996), 13(7), 1555-1559  
CODEN: ONCNES; ISSN: 0950-9232  
PUBLISHER: Stockton  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L13 ANSWER 149 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 1996:558103 HCAPLUS  
DOCUMENT NUMBER: 125:239716  
TITLE: A **human** homolog of Drosophila minibrain (MNB) is **expressed** in the neuronal regions affected in Down syndrome and maps to the critical region  
AUTHOR(S) : Guimera, Jordi; Casas, Caty; Pucharcos, Carles; Solans, Asun; Domenech, Anna; Planas, Anna M.; Ashley, Jennifer; Lovett, Michael; Estivill, Xavier; Pritchard, Melanie A.  
CORPORATE SOURCE: Mol. Genetics Dep., Cancer Res. Inst., Barcelona, 08907, Spain  
SOURCE: Human Molecular Genetics (1996), 5(9), 1305-1310  
CODEN: HMGEES; ISSN: 0964-6906  
PUBLISHER: Oxford University Press  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L13 ANSWER 150 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 1996:117599 HCAPLUS  
DOCUMENT NUMBER: 124:172138  
TITLE: Overexpression of **human** insulin receptor substrate 1 induces cellular transformation with activation of mitogen-activated protein **kinases**  
AUTHOR(S) : Ito, Toshifumi; Sasaki, Yutaka; Wands, Jack R.  
CORPORATE SOURCE: Molecular Hepatology Laboratory, Harvard Medical School, Charlestown, MA, USA  
SOURCE: Molecular and Cellular Biology (1996), 16(3), 943-51  
CODEN: MCEBD4; ISSN: 0270-7306  
PUBLISHER: American Society for Microbiology  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L13 ANSWER 151 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 1996:117590 HCAPLUS  
DOCUMENT NUMBER: 124:224537

TITLE: 3pK, a new mitogen-activated protein **kinase**  
-activated protein **kinase** located in the  
small cell lung cancer tumor suppressor gene region  
AUTHOR(S): Sithanandam, Gunamani; Latif, Farida; Duh, Fuh-Mei;  
Bernal, Ricardo; Smola, Ute; Li, Hua; Kuzmin, Igor;  
Wixler, Viktor; Geil, Laura; et al.  
CORPORATE SOURCE: Biological Carcinogenesis Development Program,  
PRI/DynCorp, Frederick, MD, 21702-1201, USA  
SOURCE: Molecular and Cellular Biology (1996), 16(3), 868-76  
CODEN: MCEBD4; ISSN: 0270-7306  
PUBLISHER: American Society for Microbiology  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L13 ANSWER 152 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 1996:394911 HCAPLUS  
DOCUMENT NUMBER: 125:106810  
TITLE: **Human** B creatine **kinase** gene  
**expression** in C2C12 cells is regulated by  
protein interactions involving the first exon  
AUTHOR(S): Ritchie, Michael E.  
CORPORATE SOURCE: Div. Cardiol. Cardiovascular Res. Cent., Univ.  
Cincinnati Coll. Med., Cincinnati, OH, 45267-0542, USA  
SOURCE: Biochemical and Biophysical Research Communications  
(1996), 223(3), 762-769  
CODEN: BBRCA9; ISSN: 0006-291X  
PUBLISHER: Academic  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L13 ANSWER 153 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 1997:137824 HCAPLUS  
DOCUMENT NUMBER: 126:183137  
TITLE: Analysis of the cDNA and encoded protein of the  
**human testis**-specific PGK-2 gene  
AUTHOR(S): McCarrey, John R.; Kumari, Meena; Aivaliotis, Mary Jo;  
Wang, Zhiqiang; Zhang, Peter; Marshall, Frey;  
Vandeberg, John L.  
CORPORATE SOURCE: Department of Genetics, Southwest Foundation for  
Biomedical Research, San Antonio, TX, 78228, USA  
SOURCE: Developmental Genetics (New York) (1996), 19(4),  
321-332  
CODEN: DGNTDW; ISSN: 0192-253X  
PUBLISHER: Wiley-Liss  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L13 ANSWER 154 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 1996:30085 HCAPLUS  
DOCUMENT NUMBER: 124:78738  
TITLE: **Human** axl oncogene encoding a receptor  
tyrosine **kinase** and its activity and  
**recombinant expression**  
INVENTOR(S): Liu, Edison T.  
PATENT ASSIGNEE(S): University of North Carolina, USA  
SOURCE: U.S., 22 pp. Cont. of U.S. Ser. No. 718,572,  
abandoned.  
CODEN: USXXAM  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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US 5468634	A	19951121	US 1995-372892 19950113
PRIORITY APPLN. INFO.:			US 1991-718572 19910624

L13 ANSWER 155 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
 ACCESSION NUMBER: 1995:1005953 HCAPLUS  
 DOCUMENT NUMBER: 124:52298  
 TITLE: RET activation by germline MEN2A and MEN2B mutations  
 AUTHOR(S): Borrello, Maria Grazia; Smith, Darrin P.; Pasini, Barbara; Bongarzone, Italia; Greco, Angela; Lorenzo, Maria; Arighi, Elena; Miranda, Claudia; Eng, Charis; et al.  
 CORPORATE SOURCE: Division of Experimental Oncology A, Istituto Nazionale Tumori, Milan, 20133, Italy  
 SOURCE: Oncogene (1995), 11(11), 2419-27  
 CODEN: ONCNES; ISSN: 0950-9232  
 PUBLISHER: Stockton  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

L13 ANSWER 156 OF 188 MEDLINE on STN DUPLICATE 14  
 ACCESSION NUMBER: 96074837 MEDLINE  
 DOCUMENT NUMBER: 96074837 PubMed ID: 7478528  
 TITLE: **Cloning**, characterization, and differential **expression** of MDK2 and MDK5, two novel receptor tyrosine **kinases** of the eck/eph family.  
 AUTHOR: Ciossek T; Lerch M M; Ullrich A  
 CORPORATE SOURCE: Department of Molecular Biology, Max-Planck-Institut fur Biochemie, Martinsried, Germany.  
 SOURCE: ONCOGENE, (1995 Nov 16) 11 (10) 2085-95.  
 Journal code: 8711562. ISSN: 0950-9232.  
 PUB. COUNTRY: ENGLAND: United Kingdom  
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
 LANGUAGE: English  
 FILE SEGMENT: Priority Journals  
 OTHER SOURCE: GENBANK-Z49085; GENBANK-Z49086  
 ENTRY MONTH: 199512  
 ENTRY DATE: Entered STN: 19960124  
 Last Updated on STN: 20000303  
 Entered Medline: 19951228

L13 ANSWER 157 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
 ACCESSION NUMBER: 1995:927971 HCAPLUS  
 DOCUMENT NUMBER: 124:82911  
 TITLE: Molecular characterization and chromosomal localization of DRT (EPHT3): a developmentally regulated **human** protein-tyrosine **kinase** gene of the EPH family  
 AUTHOR(S): Ikegaki, Naohiko; Tang, Xao X.; Liu, Xing-Ge; Biegel, Jaclyn A.; Allen, Cindy; Yoshioka, Akira; Sulman, Erik P.; Brodeur, Garrett M.; Pleasure, David E.  
 CORPORATE SOURCE: Div. Oncol., Child. Hosp. Philadelphia, Philadelphia, PA, 19104-4318, USA  
 SOURCE: Human Molecular Genetics (1995), 4(11), 2033-45  
 CODEN: HMGE5; ISSN: 0964-6906  
 PUBLISHER: Oxford University Press  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

L13 ANSWER 158 OF 188 EMBASE COPYRIGHT 2003 ELSEVIER INC. ALL RIGHTS RESERVED. on STN  
 ACCESSION NUMBER: 95264196 EMBASE  
 DOCUMENT NUMBER: 1995264196  
 TITLE: **Cloning** and characterization of murine p16(INK4a)

and p15(INK4b) genes.

AUTHOR: Quelle D.E.; Ashmun R.A.; Hannon G.J.; Rehberger P.A.; Trono D.; Richter K.H.; Walker C.; Beach D.; Sherr C.J.; Serrano M.

CORPORATE SOURCE: Howard Hughes Medical Institute, St Jude Children's Research Hospital, 332 N Lauderdale, Memphis, TN 38105, United States

SOURCE: Oncogene, (1995) 11/4 (635-645).  
ISSN: 0950-9232 CODEN: ONCNES

COUNTRY: United Kingdom

DOCUMENT TYPE: Journal; Article

FILE SEGMENT: 022 Human Genetics  
029 Clinical Biochemistry

LANGUAGE: English

SUMMARY LANGUAGE: English

L13 ANSWER 159 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 1995:379578 HCAPLUS

DOCUMENT NUMBER: 122:309421

TITLE: Distinct structural characteristics of discoidin I subfamily receptor tyrosine **kinases** and complementary **expression** in **human** cancer

AUTHOR(S): Alves, Frauke; Vogel, Wolfgang; Mossie, Kevin; Millauer, Birgit; Hoefler, Heinz; Ullrich, Axel

CORPORATE SOURCE: Dep. Molecular Biology, Max-Planck-Institut fuer Biochemie, Martinsried, 82152, Germany

SOURCE: Oncogene (1995), 10(3), 609-18  
CODEN: ONCNES; ISSN: 0950-9232

PUBLISHER: Stockton

DOCUMENT TYPE: Journal

LANGUAGE: English

L13 ANSWER 160 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 1995:880629 HCAPLUS

DOCUMENT NUMBER: 124:24704

TITLE: cDNA **cloning**, molecular characterization, and chromosomal localization of NET(EPHT2), a **human** EPH-related receptor protein-tyrosine **kinase** gene preferentially **expressed** in brain

AUTHOR(S): Tang, Xao X.; Biegel, Jaclyn A.; Nycum, Lynn M.; Yoshioka, Akira; Brodeur, Garrett M.; Pleasure, David E.; Ikegaki, Naohiko

CORPORATE SOURCE: Divisions of Neurology Research, The Children's Hospital of Philadelphia, Philadelphia, PA, 19104, USA

SOURCE: Genomics (1995), 29(2), 426-37  
CODEN: GNMCEP; ISSN: 0888-7543

PUBLISHER: Academic

DOCUMENT TYPE: Journal

LANGUAGE: English

L13 ANSWER 161 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 1995:727998 HCAPLUS

DOCUMENT NUMBER: 123:277512

TITLE: A **human** homolog of the Drosophila tumor suppressor gene l(2)gl maps to 17p11.2-12 and codes for a cytoskeletal protein that associates with nonmuscle myosin II heavy chain

AUTHOR(S): Strand, Dennis; Unger, Sylvia; Corvi, Raffaella; Hartenstein, Kirsten; Schenkel, Heide; Kalmes, Andreas; Merdes, Gunter; Neumann, Beate; Krieg-Schneider, Frank

CORPORATE SOURCE: Dep. of Developmental Genetics, Deutsches



SOURCE: Krebsforschungszentrum, Heidelberg, D-69120, Germany  
Oncogene (1995), 11(2), 291-301  
CODEN: ONCNES; ISSN: 0950-9232  
PUBLISHER: Macmillan Scientific & Medical Division  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L13 ANSWER 162 OF 188 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT/ISI on STN  
ACCESSION NUMBER: 1995-13195 BIOTECHDS  
TITLE: GDEPT using tumor- and tissue-selective promoters;  
vector-mediated cytosine-deaminase or thymidine-  
**kinase human** erbB2 protooncogene  
promoter-directed tissue-specific gene **expression**  
for prodrug activation (conference abstract)  
AUTHOR: Lemoine N R; Harris J D; Hurst H C; Ring C; Bhatia A; Sikora  
K  
CORPORATE SOURCE: Hammersmith-Hosp.London; Imperial-Cancer-Res.Fund;  
Roy.Postgrad.Med.Sch.London  
LOCATION: ICRF Oncology Unit, RPMS, Hammersmith Hospital, London, W12  
0NN, UK.  
SOURCE: Cancer Gene Ther.; (1995) 2, 3, 240  
CODEN: 2815V  
ISSN: 0929-1903  
Gene Therapy of Cancer - Second European Conference, London,  
UK, 7-8 September, 1995.  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L13 ANSWER 163 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 1995:679094 HCAPLUS  
DOCUMENT NUMBER: 123:311037  
TITLE: Interaction of a tyrosine **kinase** from  
**human** sperm with the zona pellucida at  
fertilization  
AUTHOR(S): Burks, D. J.; Carballada, R.; Moore, H. D. M.; Saling,  
P. M.  
CORPORATE SOURCE: Dep. Obstetrics and Gynecology, Duke Univ. Medical  
Center, Durham, NC, 27710, USA  
SOURCE: Science (Washington, D. C.) (1995), 269(5220), 83-6  
CODEN: SCIEAS; ISSN: 0036-8075  
PUBLISHER: American Association for the Advancement of Science  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L13 ANSWER 164 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 1994:502932 HCAPLUS  
DOCUMENT NUMBER: 121:102932  
TITLE: **Cloning** and characterization of HTK, a novel  
transmembrane tyrosine **kinase** of the EPH  
subfamily  
AUTHOR(S): Bennett, Brian D.; Wang, Zhengyu; Kuang, Wun Jing;  
Wang, Anlai; Groopman, Jerome E.; Goeddel, David V.;  
Scadden, David T.  
CORPORATE SOURCE: Genentech, Inc., South San Francisco, CA, 94080, USA  
SOURCE: Journal of Biological Chemistry (1994), 269(19),  
14211-18  
CODEN: JBCHA3; ISSN: 0021-9258  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L13 ANSWER 165 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 1994:429807 HCAPLUS  
DOCUMENT NUMBER: 121:29807  
TITLE: rse, a novel receptor-type tyrosine **kinase**

with homology to Axl/Ufo, is **expressed** at high levels in the brain

AUTHOR(S): Mark, Melanie R.; Scadden, David T.; Wang, Zhengyu; Gu, Qimin; Goddard, Audrey; Godowski, Paul J.

CORPORATE SOURCE: Dep. Cell Genet., Genentech, Inc., South San Francisco, CA, 94080, USA

SOURCE: Journal of Biological Chemistry (1994), 269(14), 10720-8  
CODEN: JBCHA3; ISSN: 0021-9258

DOCUMENT TYPE: Journal

LANGUAGE: English

L13 ANSWER 166 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 1994:599402 HCAPLUS

DOCUMENT NUMBER: 121:199402

TITLE: Src **kinase** associates with a member of a distinct subfamily of protein-tyrosine phosphatases containing an ezrin-like domain

AUTHOR(S): Moller, Niels Peter Hundahl; Moller, Karin Bach; Lammers, Reiner; Kharitononkov, Alexei; Sures, Irmi; Ullrich, Axel

CORPORATE SOURCE: Dep. Mol. Biol., Max-Planck-Institut fur Biochemie, Martinsreid, D-82152, Germany

SOURCE: Proceedings of the National Academy of Sciences of the United States of America (1994), 91(16), 7477-81  
CODEN: PNASA6; ISSN: 0027-8424

DOCUMENT TYPE: Journal

LANGUAGE: English

L13 ANSWER 167 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 1994:552099 HCAPLUS

DOCUMENT NUMBER: 121:152099

TITLE: Two novel **human** serine/threonine **kinases** with homologies to the cell cycle regulating Xenopus MO15, and NIMA **kinases**: **cloning** and characterization of their **expression** pattern

AUTHOR(S): Levedakou, Eleni N.; He, Mei; Baptist, Edward W.; Craven, Rolf J.; Cance, William G.; Welcsh, Piri L.; Simmins, Andrew; Naylor, Susan L.; Leach, Robin J.; et al.

CORPORATE SOURCE: Lineberger Comprehensive Cancer Center, University North Carolina, Chapel Hill, NC, 27599, USA

SOURCE: Oncogene (1994), 9(7), 1977-88  
CODEN: ONCNES; ISSN: 0950-9232

DOCUMENT TYPE: Journal

LANGUAGE: English

L13 ANSWER 168 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 1994:318218 HCAPLUS

DOCUMENT NUMBER: 120:318218

TITLE: Induction and down-regulation of PLK, a **human** serine/threonine **kinase expressed** in proliferating cells and tumors

AUTHOR(S): Holtrich, Uwe; Wolf, Georg; Braeuninger, Andreas; Karn, Thomas; Boehme, Beatrix; Ruebsamen-Waigmann, Helga; Strebhardt, Klaus

CORPORATE SOURCE: Chemotherapeutisches Forschungsinst., Georg-Speyer-Haus, Frankfurt, 60596, Germany

SOURCE: Proceedings of the National Academy of Sciences of the United States of America (1994), 91(5), 1736-40  
CODEN: PNASA6; ISSN: 0027-8424

DOCUMENT TYPE: Journal

LANGUAGE: English

L13 ANSWER 169 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
 ACCESSION NUMBER: 1994:623373 HCAPLUS  
 DOCUMENT NUMBER: 121:223373  
 TITLE: The glycerol **kinase** gene family: structure of the Xp gene, and related intronless retroposons  
 AUTHOR(S): Sargent, Carole A.; Young, Craig; Marsh, Sharon; Ferguson-Smith, Malcolm A.; Affara, Nabeel A.  
 CORPORATE SOURCE: Dep. Pathology, Univ. Cambridge, Cambridge, CB2 10P, UK  
 SOURCE: Human Molecular Genetics (1994), 3(8), 1317-24  
 CODEN: HMGE5; ISSN: 0964-6906  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

L13 ANSWER 170 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
 ACCESSION NUMBER: 1994:264453 HCAPLUS  
 DOCUMENT NUMBER: 120:264453  
 TITLE: Prokaryotic **expression cloning** of a novel **human** tyrosine **kinase**  
 AUTHOR(S): Beeler, John F.; LaRochelle, William J.; Chedid, Marcio; Tronick, Steven R.; Aaronson, Stuart A.  
 CORPORATE SOURCE: Lab. Cell. Mol. Biol., Natl. Cancer Inst., Bethesda, MD, 20892, USA  
 SOURCE: Molecular and Cellular Biology (1994), 14(2), 982-8  
 CODEN: MCEBD4; ISSN: 0270-7306  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

L13 ANSWER 171 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
 ACCESSION NUMBER: 1994:573842 HCAPLUS  
 DOCUMENT NUMBER: 121:173842  
 TITLE: **Cloning** of a novel putative protein **kinase** having a leucine zipper domain from **human** brain  
 AUTHOR(S): Reddy, Usha R.; Pleasure, David  
 CORPORATE SOURCE: Neurology Research, Children's Hosp. of Philadelphia, Philadelphia, PA, 19104, USA  
 SOURCE: Biochemical and Biophysical Research Communications (1994), 202(1), 613-20  
 CODEN: BBRCA9; ISSN: 0006-291X  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

L13 ANSWER 172 OF 188 MEDLINE on STN DUPLICATE 15  
 ACCESSION NUMBER: 94252566 MEDLINE  
 DOCUMENT NUMBER: 94252566 PubMed ID: 8194751  
 TITLE: The cDNA sequence and characterization of the Ca2+/calmodulin-dependent protein **kinase**-Gr from **human** brain and thymus.  
 AUTHOR: Bland M M; Monroe R S; Ohmstede C A  
 CORPORATE SOURCE: Wellcome Research Laboratories, Research Triangle Park, NC 27709.  
 SOURCE: GENE, (1994 May 16) 142 (2) 191-7.  
 Journal code: 7706761. ISSN: 0378-1119.  
 PUB. COUNTRY: Netherlands  
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
 LANGUAGE: English  
 FILE SEGMENT: Priority Journals  
 OTHER SOURCE: GENBANK-L17000  
 ENTRY MONTH: 199406  
 ENTRY DATE: Entered STN: 19940707  
 Last Updated on STN: 19980206  
 Entered Medline: 19940629

L13 ANSWER 173 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
 ACCESSION NUMBER: 1994:695693 HCAPLUS  
 DOCUMENT NUMBER: 121:295693  
 TITLE: Identification, assay, and purification of a  
 Cdc2-activating threonine-161 protein **kinase**  
 from **human** cells  
 AUTHOR(S): Williams, Richard T.; Wu, Lingtao; Carbonaro-Hall,  
 Denise A.; Hall, Frederick L.  
 CORPORATE SOURCE: Res. Inst. Childrens Hospital, University of Southern  
 California Sch. Med., Los Angeles, CA, 90027, USA  
 SOURCE: Archives of Biochemistry and Biophysics (1994),  
 314(1), 99-106  
 CODEN: ABBIA4; ISSN: 0003-9861  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

L13 ANSWER 174 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
 ACCESSION NUMBER: 1995:172480 HCAPLUS  
 DOCUMENT NUMBER: 122:28043  
 TITLE: An oncogenic form of **human** raf can specify  
 terminal body pattern in Drosophila  
 AUTHOR(S): Casanova, Jordi; Llimargas, Marta; Greenwood, Simon;  
 Struhl, Gary  
 CORPORATE SOURCE: Cent. Invest. Desenvolupament, Barcelona, 08034, Spain  
 SOURCE: Mechanisms of Development (1994), 48(1), 59-64  
 CODEN: MEDVE6; ISSN: 0925-4773  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

L13 ANSWER 175 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
 ACCESSION NUMBER: 1993:597273 HCAPLUS  
 DOCUMENT NUMBER: 119:197273  
 TITLE: Tie, a novel endothelial cell receptor tyrosine  
**kinase, cloning** of cDNA therefor  
 INVENTOR(S): Partanen, Juha; Armstrong, Elina; Makela, Tomi P.;  
 Korhonen, Jaana; Alitalo, Kari  
 PATENT ASSIGNEE(S): Helsinki University Holding, Ltd., Finland  
 SOURCE: PCT Int. Appl., 72 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 3  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9314124	A1	19930722	WO 1993-FI6	19930108
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, SN, TD, TG				
AU 9333532	A1	19930803	AU 1993-33532	19930108
EP 620826	A1	19941026	EP 1993-902261	19930108
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
JP 07506242	T2	19950713	JP 1993-512170	19930108
HU 69792	A2	19950928	HU 1994-2057	19930108
US 5955291	A	19990921	US 1994-220240	19940329
FI 9403275	A	19940711	FI 1994-3275	19940708
PRIORITY APPLN. INFO.:			US 1992-817800	A 19920109
			WO 1993-FI6	A 19930108
			US 1993-167453	B2 19931215

L13 ANSWER 176 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
 ACCESSION NUMBER: 1993:534278 HCAPLUS  
 DOCUMENT NUMBER: 119:134278

TITLE: **Cloning and expression** of GRK5: A member of the G protein-coupled receptor **kinase** family

AUTHOR(S): Kunapuli, Priya; Benovic, Jeffrey L.

CORPORATE SOURCE: Jefferson Cancer Inst., Thomas Jefferson Univ., Philadelphia, PA, 19107, USA

SOURCE: Proceedings of the National Academy of Sciences of the United States of America (1993), 90(12), 5588-92  
CODEN: PNASA6; ISSN: 0027-8424

DOCUMENT TYPE: Journal

LANGUAGE: English

L13 ANSWER 177 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 1994:130308 HCAPLUS

DOCUMENT NUMBER: 120:130308

TITLE: A survey of protein tyrosine **kinase** mRNAs **expressed** in normal **human** melanocytes

AUTHOR(S): Lee, Seung Taek; Strunk, Kathleen M.; Spritz, Richard A.

CORPORATE SOURCE: Dep. Med. Genet., Univ. Wisconsin, Madison, WI, 53706, USA

SOURCE: Oncogene (1993), 8(12), 3403-10  
CODEN: ONCNES; ISSN: 0950-9232

DOCUMENT TYPE: Journal

LANGUAGE: English

L13 ANSWER 178 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 1993:466472 HCAPLUS

DOCUMENT NUMBER: 119:66472

TITLE: Identification of a new family of **human** epithelial protein **kinases** containing two leucine/isoleucine-zipper domains

AUTHOR(S): Dorow, Donna S.; Devereux, Lisa; Dietzsch, Erin; De Kretser, Theonne

CORPORATE SOURCE: Peter MacCallum Cancer Inst., Melbourne, Australia

SOURCE: European Journal of Biochemistry (1993), 213(2), 701-10  
CODEN: EJBCAI; ISSN: 0014-2956

DOCUMENT TYPE: Journal

LANGUAGE: English

L13 ANSWER 179 OF 188 MEDLINE on STN DUPLICATE 16

ACCESSION NUMBER: 92348472 MEDLINE

DOCUMENT NUMBER: 92348472 PubMed ID: 1639825

TITLE: **Expression** of TTK, a novel **human** protein **kinase**, is associated with cell proliferation.

AUTHOR: Mills G B; Schmandt R; McGill M; Amendola A; Hill M; Jacobs K; May C; Rodricks A M; Campbell S; Hogg D

CORPORATE SOURCE: Oncology Research, Toronto General Hospital, Ontario, Canada.

SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (1992 Aug 5) 267 (22) 16000-6.  
Journal code: 2985121R. ISSN: 0021-9258.

PUB. COUNTRY: United States

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

OTHER SOURCE: GENBANK-M86699; GENBANK-M94136; GENBANK-M94137; GENBANK-M94138; GENBANK-M94139; GENBANK-M94140; GENBANK-M94141; GENBANK-M94142; GENBANK-M94143; GENBANK-M94144

ENTRY MONTH: 199208

ENTRY DATE: Entered STN: 19920911  
Last Updated on STN: 19920911  
Entered Medline: 19920828

L13 ANSWER 180 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 1991:443215 HCAPLUS  
DOCUMENT NUMBER: 115:43215  
TITLE: c-met Is amplified but not mutated in a cell line with  
an activated met tyrosine **kinase**  
AUTHOR(S): Ponzetto, Carola; Giordano, Silvia; Peverali,  
Fiorenzo; Della Valle, Giuliano; Abate, Maria L.;  
Vaula, Giovanna; Comoglio, Paolo M.  
CORPORATE SOURCE: Dep. Biomed. Sci. Oncol., Univ. Turin, Turin, 10126,  
Italy  
SOURCE: Oncogene (1991), 6(4), 553-9  
CODEN: ONCNES; ISSN: 0950-9232  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L13 ANSWER 181 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 1990:605790 HCAPLUS  
DOCUMENT NUMBER: 113:205790  
TITLE: Nucleotide sequence and **expression** of a  
novel **human** receptor-type tyrosine  
**kinase** gene (flt) closely related to the fms  
family  
AUTHOR(S): Shibuya, Masabumi; Yamaguchi, Sachiko; Yamane, Akira;  
Ikeda, Toshio; Tojo, Arinobu; Matsushime, Hitoshi;  
Sato, Misako  
CORPORATE SOURCE: Inst. Med. Sci., Univ. Tokyo, Tokyo, 108, Japan  
SOURCE: Oncogene (1990), 5(4), 519-24  
CODEN: ONCNES; ISSN: 0950-9232  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L13 ANSWER 182 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 1990:93053 HCAPLUS  
DOCUMENT NUMBER: 112:93053  
TITLE: Oncogenic activation of the **human** trk  
proto-oncogene by recombination with the ribosomal  
large subunit protein L7a  
AUTHOR(S): Ziemiecki, Andrew; Mueller, Rolf G.; Fu, Xiao Chang;  
Hynes, Nancy E.; Kozma, Sara  
CORPORATE SOURCE: Inst. Clin. Exp. Cancer Res., Univ. Berne, Bern,  
CH-3004, Switz.  
SOURCE: EMBO Journal (1990), 9(1), 191-6  
CODEN: EMJODG; ISSN: 0261-4189  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L13 ANSWER 183 OF 188 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN  
ACCESSION NUMBER: 1989:426462 BIOSIS  
DOCUMENT NUMBER: PREV198988084720; BA88:84720  
TITLE: IDENTIFICATION OF A DEVELOPMENTALLY REGULATED  
PROTEIN-TYROSINE **KINASE** BY USING  
ANTI-PHOSPHOTYROSINE ANTIBODIES TO SCREEN A COMPLEMENTARY  
DNA **EXPRESSION** LIBRARY.  
AUTHOR(S): PASQUALE E B [Reprint author]; SINGER S J  
CORPORATE SOURCE: DEP BIOL, B-022, UNIV CALIFORNIA, SAN DIEGO, LA JOLLA,  
CALIF 92093, USA  
SOURCE: Proceedings of the National Academy of Sciences of the  
United States of America, (1989) Vol. 86, No. 14, pp.  
5449-5453.  
CODEN: PNASA6. ISSN: 0027-8424.

DOCUMENT TYPE: Article  
FILE SEGMENT: BA  
LANGUAGE: ENGLISH  
OTHER SOURCE: GENBANK-M24637  
ENTRY DATE: Entered STN: 19 Sep 1989  
Last Updated on STN: 23 Sep 1989

L13 ANSWER 184 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 1988:417947 HCAPLUS  
DOCUMENT NUMBER: 109:17947  
TITLE: Activation of the receptor **kinase** domain of  
the trk oncogene by recombination with two different  
cellular sequences  
AUTHOR(S): Kozma, Sara C.; Redmond, Shelagh M. S.; Fu, Xiao  
Chang; Saurer, Susanne M.; Groner, Bernd; Hynes, Nancy  
E.  
CORPORATE SOURCE: Ludwig Inst. Cancer Res., Bern, CH-3010, Switz.  
SOURCE: EMBO Journal (1988), 7(1), 147-54  
CODEN: EMJODG; ISSN: 0261-4189  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L13 ANSWER 185 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 1987:592201 HCAPLUS  
DOCUMENT NUMBER: 107:192201  
TITLE: Identification and biochemical characterization of  
p70TRK, product of the **human** TRK oncogene  
AUTHOR(S): Mitra, Gopa; Martin-Zanca, Dionisio; Barbacid, Mariano  
CORPORATE SOURCE: Dev. Oncol. Sect., Frederick Cancer Res. Fac.,  
Frederick, MD, 21701, USA  
SOURCE: Proceedings of the National Academy of Sciences of the  
United States of America (1987), 84(19), 6707-11  
CODEN: PNASA6; ISSN: 0027-8424  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L13 ANSWER 186 OF 188 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT/ISI on STN  
ACCESSION NUMBER: 1987-04660 BIOTECHDS  
TITLE: **Expression** of retro viral vectors in transgenic  
mice obtained by **embryo** infection;  
retro virus MMCV-neo use of foreign gene  
**expression** in mouse  
AUTHOR: Stewart C L; Schuetze S; Vanek M; Wagner E F  
LOCATION: European Molecular Biology Laboratory, Postfach 10.2209,  
D-6900 Heidelberg, Germany.  
SOURCE: EMBO J.; (1987) 6, 2, 383-88  
CODEN: EMJODG  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L13 ANSWER 187 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 1986:180956 HCAPLUS  
DOCUMENT NUMBER: 104:180956  
TITLE: A **human** oncogene formed by the fusion of  
truncated tropomyosin and protein tyrosine  
**kinase** sequences  
AUTHOR(S): Martin-Zanca, Dionisio; Hughes, Stephen H.; Barbacid,  
Mariano  
CORPORATE SOURCE: Dev. Oncol. Sect., Frederick Cancer Res. Facility,  
Frederick, MD, 21701, USA  
SOURCE: Nature (London, United Kingdom) (1986), 319(6056),  
743-8  
CODEN: NATUAS; ISSN: 0028-0836  
DOCUMENT TYPE: Journal

LANGUAGE: English

L13 ANSWER 188 OF 188 HCAPLUS COPYRIGHT 2003 ACS on STN  
ACCESSION NUMBER: 1984:466978 HCAPLUS  
DOCUMENT NUMBER: 101:66978  
TITLE: A **human** autosomal phosphoglycerate  
**kinase** locus maps near the HLA cluster  
AUTHOR(S): Szabo, Paul; Grzeschik, Karl Heinz; Siniscalco,  
Marcello  
CORPORATE SOURCE: Mem. Sloan-Kettering Cancer Cent., Cornell Univ., New  
York, NY, 10021, USA  
SOURCE: Proceedings of the National Academy of Sciences of the  
United States of America (1984), 81(10), 3167-9  
CODEN: PNASA6; ISSN: 0027-8424  
DOCUMENT TYPE: Journal  
LANGUAGE: English

=> e yu x/au

E1	2	YU WYATT/AU
E2	1	YU WZ/AU
E3	1849 -->	YU X/AU
E4	1	YU X */AU
E5	19	YU X A/AU
E6	1	YU X A D/AU
E7	144	YU X B/AU
E8	171	YU X C/AU
E9	7	YU X CHRISTOPHER/AU
E10	112	YU X D/AU
E11	2	YU X D W/AU
E12	5	YU X E/AU

=> s e3

L14 1849 "YU X"/AU

=> e miranda m/au

E1	2	MIRANDA LUIZ T/AU
E2	4	MIRANDA LUIZAGA JORGE/AU
E3	1081 -->	MIRANDA M/AU
E4	527	MIRANDA M A/AU
E5	1	MIRANDA M A */AU
E6	15	MIRANDA M A C/AU
E7	23	MIRANDA M A C D/AU
E8	1	MIRANDA M A L/AU
E9	1	MIRANDA M A P D/AU
E10	7	MIRANDA M A R/AU
E11	3	MIRANDA M A R B/AU
E12	1	MIRANDA M ALBERTO/AU

=> s e3

L15 1081 "MIRANDA M"/AU

=> e friddle c j/au

E1	1	FRIDDIE S B/AU
E2	24	FRIDDLE C/AU
E3	39 -->	FRIDDLE C J/AU
E4	11	FRIDDLE CARL/AU
E5	4	FRIDDLE CARL J/AU
E6	35	FRIDDLE CARL JOHAN/AU
E7	2	FRIDDLE F E/AU
E8	2	FRIDDLE H/AU
E9	1	FRIDDLE J/AU
E10	2	FRIDDLE J D/AU
E11	1	FRIDDLE JOHN D/AU



E12 1 FRIDDLE JR W D/AU

=> s e3-e6

L16 89 ("FRIDDLE C J"/AU OR "FRIDDLE CARL"/AU OR "FRIDDLE CARL J"/AU  
OR "FRIDDLE CARL JOHAN"/AU)

=> d his

(FILE 'HOME' ENTERED AT 09:02:34 ON 21 NOV 2003)

FILE 'MEDLINE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH, HCAPLUS, NTIS,  
LIFESCI' ENTERED AT 09:02:56 ON 21 NOV 2003

L1 1138365 S KINASE?  
L2 405905 S HUMAN AND L1  
L3 6245110 S CLON? OR RECOMBINANT OR EXPRESS?  
L4 196067 S L2 AND L3  
L5 2765686 S TESTIS OR INTESTIN? OR KIDN?  
L6 2489742 S CARCINOMA OR EMBRYO?  
L7 15310 S L4 AND L5  
L8 33292 S L4 AND L6  
L9 42982 S L7 OR L8  
L10 1435 S HUMAN(A)L1  
L11 955 S L3 AND L10  
L12 239 S L9 AND L11  
L13 188 DUP REM L12 (51 DUPLICATES REMOVED)  
E YU X/AU  
L14 1849 S E3  
E MIRANDA M/AU  
L15 1081 S E3  
E FRIDDLE C J/AU  
L16 89 S E3-E6

=> s l14 or l15 or l16

L17 3007 L14 OR L15 OR L16

=> s l9 and l17

L18 11 L9 AND L17

=> dup rem l18

PROCESSING COMPLETED FOR L18

L19 7 DUP REM L18 (4 DUPLICATES REMOVED)

=> d 1-7 ibib ab

L19 ANSWER 1 OF 7 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT/ISI on STN  
ACCESSION NUMBER: 2003-23467 BIOTECHDS  
TITLE: New nucleic acid molecules encoding novel **human**  
proteins (NHPs), e.g. sharing sequence similarity with animal  
**kinases** or receptor tyrosine **kinases**,  
useful for diagnosis, drug screening, and treatment of  
diseases and disorders;  
virus vector-mediated gene transfer and **expression**  
in bacterium, yeast, fungus, insect, mammal cell for  
**recombinant** protein-tyrosine-**kinase**  
receptor  
AUTHOR: HU Y; NEPOMNICHY B; GERHARDT B; WALKER D W; **FRIDDLE C**  
**J**  
PATENT ASSIGNEE: LEXICON GENETICS INC  
PATENT INFO: US 6586230 1 Jul 2003  
APPLICATION INFO: US 2001-4542 23 Oct 2001  
PRIORITY INFO: US 2001-4542 23 Oct 2001; US 2000-243893 27 Oct 2000  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2003-634547 [60]

AB DERWENT ABSTRACT:

NOVELTY - An isolated **human** nucleic acid molecule, comprising a sequence of 2829 or 927 base pairs (bp), or encodes a sequence of 942 amino acids, fully defined in the specification, is new.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following: (1) an isolated nucleic acid **expression** vector comprising the nucleic acid molecule; and (2) a host cell comprising the **expression** vector.

WIDER DISCLOSURE - Also disclosed as new are: (1) encoded proteins, fusion proteins, polypeptides and peptides; (2) antibodies to the encoded proteins; (3) genetically engineered animals that either lack or over **express** the disclosed genes; (4) antagonist or agonist of proteins, including small molecules, large molecules; (5) mutant NHPs and other compounds that modulate the **expression** or activity of the proteins; and (6) transgenic animals that **express** a NHP sequence or knock-outs that do not **express** a functional NHP.

BIOTECHNOLOGY - Preparation: NHP gene homologs can be isolated from nucleic acid from an organism of interest by performing polymerase chain reaction (PCR) using two degenerate or wobble oligonucleotide primer pools designed on the basis of amino acid sequences. The PCR product can be subcloned and sequenced to ensure that the amplified sequences represent the sequence of the desired NHP gene. The PCR fragment can then be used to isolate a full length cDNA **clone** by a variety of methods. For example, the amplified fragment can be labeled and used to screen a cDNA library, such as a bacteriophage cDNA library. A cDNA encoding a mutant NHP sequence can be isolated, for example, by using PCR. In this case, the first cDNA strand may be synthesized by hybridizing an oligo-dT oligonucleotide to mRNA isolated from tissue known or suspected to be **expressed** in an individual putatively carrying a mutant NHP allele, and by extending the new strand with reverse transcriptase. Preferred Host: *Escherichia coli*, *Bacillus subtilis*, *Saccharomyces*, *Pichia*, insect cell, Chinese hamster ovary, baby hamster **kidney**, 293 cell, 3T3 cell. Preferred Vector: Baculo virus, cauliflower mosaic virus, tobacco mosaic virus.

ACTIVITY - Neuroprotective; Nootropic.

MECHANISM OF ACTION - Gene therapy; **Human** protein (Anta)gonist; Antisense therapy. No biological data given.

USE - The nucleic acid molecules are useful for diagnosis, drug screening, clinical trial monitoring, the treatment of biological disorders, imbalances disorder and mental disorders, and cosmetic and nutraceutical applications. The nucleic acid molecules are useful as hybridization probe, assessing gene **expression** pattern, polymorphisms identification, drug screening, and pharmacogenomics. NHP oligonucleotides can be used for molecular mutagenesis or evolution of protein, generation of antibodies as reagent in diagnostic assay, identification of other cellular gene product related to a NHP as reagents in assays for screening for compound, chromosome mapping and gene therapy.

EXAMPLE - No example given. (17 pages)

L19 ANSWER 2 OF 7 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT/ISI on STN

ACCESSION NUMBER: 2003-01894 BIOTECHDS

TITLE: Novel polynucleotide encoding **human** proteins that are structurally similar to animal **kinases**, useful for drug screening, diagnosis, in gene therapy of disorders and diseases e.g. cancer and pharmacogenomic applications; **recombinant** enzyme protein production and sense and antisense sequence use in disease therapy and gene therapy

AUTHOR: YU X; MIRANDA M; FRIDDLE C J

PATENT ASSIGNEE: LEXICON GENETICS INC

PATENT INFO: WO 2002059325 1 Aug 2002

APPLICATION INFO: WO 2001-US50497 20 Dec 2001

PRIORITY INFO: US 2000-258335 27 Dec 2000; US 2000-258335 27 Dec 2000

DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2002-599796 [64]  
AB DERWENT ABSTRACT:

NOVELTY - An isolated nucleic acid molecule (I) comprising a nucleotide sequence encoding a novel **human** protein (NHP) of 2054 (S1) or 1958 (S2) amino acids given in specification, that share structural similarity with animal **kinases**, including serine-threonine **kinases**, particularly Citron rho-interacting **kinases**, is new.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for: (1) an isolated nucleic acid molecule (II) comprising a nucleotide sequence that encodes (S1) and hybridizes under stringent conditions to a sequence (S3) of 6165 base pairs given in the specification, or its complement; and (2) an isolated nucleic acid molecule (III) comprising at least 24 contiguous bases of (S3).

WIDER DISCLOSURE - Disclosed are: (1) novel **human** proteins (NHPs) encoded by (I), that share structural similarity with animal **kinases**; (2) host cell **expressing** systems comprising (I); (3) antibodies to NHP and anti-idiotypic antibodies; (4) fusion proteins comprising NHP; (5) genetically engineered animals that either lack or over **express** (I); (6) antagonists and agonists of NHP; (7) compounds that modulate the **expression** or activity NHP which can be used for diagnosis, drug screening, clinical trial monitoring, treatment of diseases and disorders, and cosmetic or nutraceutical applications; (8) identifying compounds that modulate, **expression** and/or activity of NHP; (9) degenerate nucleic acid variants of (I); (9) vectors that contain (I); (10) nucleotide sequences (e.g. antisense and ribozyme molecules) that inhibit **expression** of (I); and (11) proteins that are functionally equivalent to NHPs.

BIOTECHNOLOGY - Preferred Protein: NHPs are novel proteins **expressed** in **human** cell lines and **human testis**, small **intestine**, fetal **kidney**, adenocarcinoma, **embryonic carcinoma** cells and osteosarcoma cells.

ACTIVITY - Nootropic; Cytostatic.

MECHANISM OF ACTION - Gene therapy. No suitable data given.

USE - NHP oligonucleotides are useful as hybridization probes for screening libraries and assessing gene **expression** patterns. NHP sequences are useful to identify mutations associated with a particular disease and also as a diagnostic or prognostic assay, and also in the molecular mutagenesis/evolution of proteins that are at least partially encoded by the NHP sequences. Sequences derived from regions adjacent to the intron/exon boundaries of NHP gene can be used to design primers for use in amplification assays to detect mutations within the exons, splice sites, introns that can be used in diagnostics and pharmacogenomics. NHP sequences are utilized in microarrays or other assay formats, to screen collections of genetic material from patients who have a particular medical condition. NHP nucleotide sequences are useful for drug screening effective in the treatment of symptomatic or phenotypic manifestations of perturbing the normal function of NHP in the body, and nucleotide constructs encoding NHP products are used to genetically engineer host cells to **express** NHP products in vivo. These genetically engineered cells function as bioreactors in the body delivering a continuous supply of a NHP, a NHP peptide, or a NHP fusion protein to the body. Nucleotide construct encoding NHP products are also useful in gene therapy for modulating NHP **expression** and to produce genetically engineered host cells to **express** NHP products in vivo. NHP nucleotide sequences may also be used as part of ribozyme and/or triple helix sequences that are useful for NHP gene regulation. The encoded NHP polypeptides are useful for generating antibodies, as reagents in diagnostic assays, for identifying other cellular gene products related to NHP and as reagents in assays for screening for compounds that are useful in the treatment of mental, biological or

medical disorders and diseases including cancer. (50 pages)

L19 ANSWER 3 OF 7 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT/ISI on STN

ACCESSION NUMBER: 2002-12398 BIOTECHDS

TITLE: Novel polynucleotide encoding novel **human** protein sharing structural similarity with animal **kinases** e.g. serine-threonine, calcium/calmodulin-dependent, and myosin light chain **kinases**, useful as probes and primers;

vector-mediated gene transfer, **expression** in host cell, antibody, antisense oligonucleotide and ribozyme for **recombinant** protein production, drug screening and gene therapy

AUTHOR: **FRIDDLE C J**; HILBUN E; NEPOMNICHY B; HU Y

PATENT ASSIGNEE: LEXICON GENETICS INC

PATENT INFO: WO 2002018555 7 Mar 2002

APPLICATION INFO: WO 2000-US26776 31 Aug 2000

PRIORITY INFO: US 2000-229280 31 Aug 2000

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: WPI: 2002-292200 [33]

AB DERWENT ABSTRACT:

NOVELTY - An isolated novel **human** protein (NHP) encoding nucleic acid, where the NHP shares structural similarity with animal **kinases** e.g. serine-threonine, calcium/calmodulin-dependent, and myosin light chain **kinases**, is new.

DETAILED DESCRIPTION - An isolated novel **human** protein (NHP) encoding nucleic acid, where the NHP shares structural similarity with animal **kinases** e.g. serine-threonine, calcium/calmodulin-dependent, and myosin light chain **kinases**, is new. The NHP nucleic acid comprises a nucleotide sequence encoding a fully defined sequence of 683 (S2), 654 (S4), 388 (S7) and 398 (S9) amino acids as given in the specification, and which hybridizes under stringent conditions to a fully defined sequence of 2052 (S1) or 1167 (S6) nucleotides as given in specification, or its complement. An INDEPENDENT CLAIM is also included for an isolated nucleic acid molecule that comprises at least 24 contiguous bases of (S6).

WIDER DISCLOSURE - The following are disclosed: (1) novel **human** proteins (NHP) having a fully defined sequence of (S2), (S4), (S7) or (S9) encoded by NHP polynucleotides where the proteins are useful for generating antibodies, reagents in diagnostic assays, identification of other cellular gene products related to NHP, as reagents in assays for screening compounds that can be used as pharmaceutical reagents for treating mental, biological or medical disorders and diseases; (2) a nucleic acid selected from: (a) a sequence that encode mammalian homologs of NHP including the specifically described NHPs and the NHP gene products (b) a sequence that encode one or more portions of the NHPs that correspond to functional domains, and the polypeptide products specified by such nucleotide sequences (c) a sequence that encode mutant versions, engineered or naturally occurring, of the described NHPs in which all or part of at least one domain is deleted or altered, and the polypeptide products specified by such nucleotide sequences (d) a sequence that encode fusion proteins containing a coding region from an NHP or one of its domains (e.g. receptor or ligand binding domain) fused to another peptide or polypeptide, or (e) therapeutic or diagnostic derivatives of the polynucleotides; (3) agonist and antagonist of NHPs; (4) compounds that modulate the **expression** or activity of NHPs and nucleotide sequences (nucleotide constructs) that can be used to inhibit the **expression** of NHP (e.g., antisense, ribozyme molecules, etc.,) or to promote the **expression** of NHP; (5) transgenic animals that **express** NHP transgene or knock-outs that do not **express** a functional NHP; (6) processes of identifying compounds that modulate i.e., act as agonist or antagonist of NHP **expression** and/or NHP

activity; (7) antibodies against NHP and idiotypic antibodies against anti-NHP antibodies; (8) fusion proteins comprising NHP protein; (9) degenerate nucleic acid variants of the NHP polynucleotide sequences; (10) DNA vectors that contain any of the NHP coding sequences and/or their complements; (11) genetically engineered host cells **expressing** NHP coding sequences operatively associated with a regulatory element; (12) analogues, derivatives and NHP homologues from other species; (13) proteins that are functionally equivalent to NHP encoded by the above described nucleotide sequences; and (14) pharmaceutical formulations comprising the NHP polynucleotide sequences.

BIOTECHNOLOGY - Isolation: The NHP polynucleotides were compiled from sequences available in GENBANK, and cDNAs generated from **kidney, testis, trachea, esophagus, pituitary, human** gene trapped products ((S2) and (S4)) or bone marrow and skeletal muscle mRNAs.

ACTIVITY - None given. No biological data is given.

MECHANISM OF ACTION - Gene therapy. No biological data is given.

USE - The NHP polynucleotide sequences that encode NHPs sharing structural similarity with animal **kinases** including NIMA (never in mitosis A) related **kinases**, serine-threonine **kinases**, calcium/calmodulin-dependent **kinases**, and myosin light chain **kinases**, when knocked out provide a method for identifying phenotypic **expression** of the particular gene as well as a method of assigning function to previously unknown genes, for identifying coding sequence and mapping a unique gene to a particular chromosome and in the identification of biologically relevant splice junctions. Complementary sequences of (I) that hybridize to (I) can be used in conjunction with PCR to screen libraries, isolate **clones** and prepare **cloning** and sequencing templates. Such oligonucleotides can also be used as hybridization probes for screening libraries, for assessing gene **expression** patterns. The probes are useful for identification, selection and validation of novel molecular targets for drug discovery. Labeled NHP nucleotide probes can be used to screen a **human** genomic library which is helpful for identifying polymorphisms, determining the genomic structure of a given locus/allele and designing diagnostic tests. The probe sequences also have use in defining and monitoring both drug action and toxicity. Oligonucleotides complementary to NHPs may encode or act as NHP antisense molecules, or may be used as part of ribozyme and/or triple helix sequences. Addressable arrays comprising the NHP polynucleotides can be used to identify and characterize the temporal and tissue **expression** of a gene. The use of addressable arrays comprising the NHP polynucleotide sequence provide detailed information about transcriptional changes involved in specific pathway, potentially leading to the identification of novel components or gene functions that manifest themselves as novel phenotypes. Microarray formats comprising NHP polynucleotide sequences can be used to screen collections of genetic material from patients who have a particular medical condition. The sequences are also useful for identifying mutations associated with a particular disease and also as a prognostic or diagnostic assay. (I) is also useful in the molecular mutagenesis/evolution of proteins that are at least partially encoded by the described novel sequences.

EXAMPLE - None given. (46 pages)

L19 ANSWER 4 OF 7 BIOTECHDS COPYRIGHT 2003 THOMSON DERWENT/ISI on STN

ACCESSION NUMBER: 2003-00776 BIOTECHDS

TITLE: Novel polynucleotides encoding **human** proteins that are structurally related to animal **kinases**, useful for drug screening, diagnosis and in gene therapy of biological disorders;  
vector-mediated **recombinant** protein gene transfer and **expression** in host cell for use in drug screening and neurotropic disease and mental disorder diagnosis and gene therapy

AUTHOR: TURNER C A; MATHUR B; FRIDDLE C J  
PATENT ASSIGNEE: LEXICON GENETICS INC  
PATENT INFO: WO 2002048333 20 Jun 2002  
APPLICATION INFO: WO 2001-US49068 12 Dec 2001  
PRIORITY INFO: US 2001-289422 8 May 2001; US 2000-255103 12 Dec 2000  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2002-583505 [62]

AB DERWENT ABSTRACT:

NOVELTY - Isolated nucleic acid molecule (I) comprising a nucleotide sequence encoding a novel **human** protein (NHP) of 870, 864, 764, 751, 654, 648, 548, 535, 895, 889, 789, 776, 982, 976, 876, 863, 957, 951, 851 or 838 amino acids given in specification, that share structural similarity with animal **kinases**, including serine-threonine **kinases**, casein **kinases**, calcium/calmodulin-dependent protein **kinases** and mitogen activated **kinases**, is new.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for an isolated nucleic acid molecule comprising a nucleotide sequence that encodes the sequence of 870 amino acids and hybridizes under stringent conditions to the nucleotide sequence of 2613 base pairs given in the specification or its complement.

WIDER DISCLOSURE - Disclosed are: (1) novel **human** membrane proteins (NHPs) encoded by (I), that share structural similarity with mammalian ion channel proteins and particularly voltage-gated potassium channel proteins; (2) host cell **expressing** systems comprising (I); (3) antibodies to NHP and anti-idiotypic antibodies; (4) fusion proteins comprising NHP; (5) genetically engineered animals that either lack or over **express** (I); (6) antagonists and agonists of NHP; (7) compounds that modulate the **expression** or activity NHP; (8) identifying compounds that modulate, **expression** and/or activity of NHP; (9) degenerate nucleic acid variants of (I); (10) vectors that contain (I); and (11) nucleotide sequences (e.g. antisense and ribozyme molecules) that inhibit **expression** of (I).

BIOTECHNOLOGY - Preferred Protein: NHPs are novel proteins **expressed** in **human** cell lines and **human** fetal brain, brain, pituitary, cerebellum, and fetal lung, **kidney**, and **embryo** cells.

ACTIVITY - Nootropic.

MECHANISM OF ACTION - Gene therapy. No suitable data is given.

USE - NHP oligonucleotides are useful as hybridization probes for screening libraries and assessing gene **expression** patterns. NHP sequences are useful to identify mutations associated with a particular disease and also as a diagnostic or prognostic assay, and also in the molecular mutagenesis/evolution of proteins that are at least partially encoded by the NHP sequences. Sequences derived from regions adjacent to the intron/exon boundaries of NHP gene can be used to design primers for use in amplification assays to detect mutations within the exons, splice sites, introns that can be used in diagnostics and pharmacogenomics. NHP sequences are utilized in microarrays or other assay formats, to screen collections of genetic material from patients who have a particular medical condition. NHP nucleotide sequences are useful for drug screening effective in the treatment of symptomatic or phenotypic manifestations of perturbing the normal function of NHP in the body, and nucleotide constructs encoding NHP products are used to genetically engineer host cells to **express** NHP products in vivo. These genetically engineered cells function as bioreactors in the body delivering a continuous supply of a NHP, a NHP peptide, or a NHP fusion protein to the body. Nucleotide construct encoding NHP products are also useful in gene therapy for modulating NHP **expression** and to produce genetically engineered host cells to **express** NHP products in vivo. NHP nucleotide sequences may also be used as part of ribozyme and/or triple helix sequences that are useful for NHP gene regulation. The encoded NHP polypeptides are useful for generating antibodies, as

reagents in diagnostic assays, for identifying other cellular gene products related to NHP and as reagents in assays for screening for compounds that are useful in the treatment of mental, biological or medical disorders and diseases.

EXAMPLE - No suitable example given. (93 pages)

L19 ANSWER 5 OF 7 HCAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 2002:408781 HCAPLUS

DOCUMENT NUMBER: 137:2411

TITLE: Protein and cDNA sequences of **human kinase** sequence homologs

INVENTOR(S): **Friddle, Carl Johan**; Hilbun, Erin; Mathur, Brian; Turner, C. Alexander, Jr.

PATENT ASSIGNEE(S): Lexicon Genetics Incorporated, USA

SOURCE: PCT Int. Appl., 43 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002042438	A2	20020530	WO 2001-US43825	20011119
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
AU 2002028633	A5	20020603	AU 2002-28633	20011119
US 2002110908	A1	20020815	US 2001-992481	20011119
US 6593125	B2	20030715		
US 2003181705	A1	20030925	US 2003-434034	20030508

PRIORITY APPLN. INFO.:

US 2000-252011P P 20001120  
US 2001-992481 A1 20011119  
WO 2001-US43825 W 20011119

AB This invention provides protein and cDNA sequences for newly identified **human** proteins, designated NHPs, which shares substantial sequence homol. with animal **kinases**, esp. NEK family **kinases** and calcium/calmodulin-dependent protein **kinase**. NEK family **kinase** homolog gene, which has been mapped on **human** chromosome 17, is **expressed** in, inter alia, **human** cell lines and pituitary, thymus, spleen, lymph node, bone marrow, trachea, **kidney**, prostate, **testis**, thyroid, adrenal gland, pancreas, salivary gland, stomach, small **intestine**, skeletal muscle, heart, uterus, placenta, adipose, skin, bladder, rectum, pericardium, ovary, fetal **kidney**, fetal lung, gallbladder, tongue, aorta, 6-, 9-, and 12-wk **embryos**, adenocarcinoma, osteosarcoma, and **embryonic carcinoma** cells. Calcium/calmodulin-dependent protein **kinase** homolog gene, which has been mapped on **human** chromosome 3, is predominantly **expressed** in fetal brain, brain, spinal cord, thymus, lymph node, trachea, lung, prostate, **testis**, thyroid, adrenal gland, stomach, small **intestine**, skeletal muscle, uterus, placenta, mammary gland, skin, bladder, pericardium, hypothalamus, fetal **kidney**, fetal lung, tongue, aorta, 6-, 9-, and 12-wk **embryos**, and **embryonic carcinoma** cells. In one embodiment, the invention relates to diagnostic assays for detecting diseases assocd. with inappropriate NHP activity or levels. Also disclosed are methods for utilizing NHP in drug screening assays and in

therapy directed against diseases assocd. with inappropriate NHP activity or levels.

L19 ANSWER 6 OF 7 SCISEARCH COPYRIGHT 2003 THOMSON ISI on STN

ACCESSION NUMBER: 1999:792357 SCISEARCH

THE GENUINE ARTICLE: 245HY

TITLE: A new Drosophila APC homologue associated with adhesive zones of epithelial cells

AUTHOR: Yu X; Waltzer L; Bienz M (Reprint)

CORPORATE SOURCE: MRC, MOL BIOL LAB, HILLS RD, CAMBRIDGE CB2 2QH, ENGLAND (Reprint); MRC, MOL BIOL LAB, CAMBRIDGE CB2 2QH, ENGLAND

COUNTRY OF AUTHOR: ENGLAND

SOURCE: NATURE CELL BIOLOGY, (JUL 1999) Vol. 1, No. 3, pp. 144-151

Publisher: MACMILLAN MAGAZINES LTD, PORTERS SOUTH, 4 CRINAN ST, LONDON N1 9XW, ENGLAND.

ISSN: 1465-7392.

DOCUMENT TYPE: Article; Journal

FILE SEGMENT: LIFE

LANGUAGE: English

REFERENCE COUNT: 55

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

AB Adenomatous polyposis coil protein (APC) is an important tumour suppressor in the **human** colon epithelium. In a complex with glycogen synthase **kinase**-3 (GSK-3), APC binds to and destabilizes cytoplasmic ('free') beta-catenin. Here, using a yeast two-hybrid screen for proteins that bind to the Drosophila beta-catenin homologue, Armadillo, we identify a new Drosophila APC homologue, E-APC. E-APC also binds to Shaggy, the Drosophila GSK-3 homologue. Interference with E-APC function produces **embryonic** phenotypes like those of shaggy mutants. Interestingly, E-APC is concentrated in apicolateral adhesive zones of epithelial cells, along with Armadillo and E-cadherin, which are both integral components of the adherens junctions in these zones. Various mutant conditions that cause dissociation of E-APC from these zones also obliterate the segmental modulation of free Armadillo levels that is normally induced by Wingless signalling. We propose that the Armadillo-destabilizing protein complex, consisting of E-APC, Shaggy, and a third protein, Axin, is anchored in adhesive zones, and that Wingless signalling may inhibit the activity of this complex by causing dissociation of E-APC from these zones.

L19 ANSWER 7 OF 7 MEDLINE on STN

DUPLICATE 3

ACCESSION NUMBER: 90214544 MEDLINE

DOCUMENT NUMBER: 90214544 PubMed ID: 2534379

TITLE: Transactivation of the adenovirus EIIa promoter in the absence of adenovirus E1A protein is restricted to mouse oocytes and preimplantation **embryos**.

AUTHOR: Dooley T P; **Miranda M**; Jones N C; DePamphilis M L

CORPORATE SOURCE: Gene Regulation Laboratory, Imperial Cancer Research Fund, London, England.

SOURCE: DEVELOPMENT, (1989 Dec) 107 (4) 945-56.  
Journal code: 8701744. ISSN: 0950-1991.

PUB. COUNTRY: ENGLAND: United Kingdom

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

ENTRY MONTH: 199005

ENTRY DATE: Entered STN: 19900622

Last Updated on STN: 19970203

Entered Medline: 19900524

AB Undifferentiated mouse **embryonal carcinoma** (EC) cells are capable of transactivating the adenovirus EIIa promoter in the absence of its normal transactivator, E1A protein, suggesting that EC cells contain an E1A-like activity. In an effort to identify where this



activity appears during normal mouse development, mouse oocytes and preimplantation **embryos** were injected with plasmids containing the EIIa promoter coupled to various reporter genes. These **expression** vectors were fully active in **human** 293 cells where E1A is present, but were inactive in differentiated fibroblast cell lines unless cotransfected with the E1A gene. In mouse oocytes and preimplantation **embryos**, EIIa promoter activity in the absence of adenovirus E1A protein was equivalent to or greater than activity of the HSV thymidine **kinase** promoter coupled to a strong enhancer. Coinjection of the E1A gene failed to stimulate EIIa activity further, perhaps because c-myc protein, which has been reported to transactivate this promoter, was already present at high levels in mouse oocytes. Activation of the EIIa promoter in the absence of E1A was unique to mouse oocytes and preimplantation **embryos** because gene **expression** from an EIIa promoter introduced into transgenic mice was observed only in the adult ovary, and particularly in the oocytes. In addition, post-implantation transgenic **embryos** failed to **express** the E1A-activatable reporter gene, thereby indicating that **expression** from the EIIa promoter is restricted to the relatively undifferentiated stages of oogenesis and preimplantation development. These data suggest that cellular promoters of the class that can be transactivated by E1A may serve uniquely to initiate transcription of genes that are needed for preimplantation development.

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(FILE 'HOME' ENTERED AT 09:02:34 ON 21 NOV 2003)

FILE 'MEDLINE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH, HCAPLUS, NTIS, LIFESCI' ENTERED AT 09:02:56 ON 21 NOV 2003

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L1      1138365 S KINASE?
L2      405905 S HUMAN AND L1
L3      6245110 S CLON? OR RECOMBINANT OR EXPRESS?
L4      196067 S L2 AND L3
L5      2765686 S TESTIS OR INTESTIN? OR KIDN?
L6      2489742 S CARCINOMA OR EMBRYO?
L7      15310 S L4 AND L5
L8      33292 S L4 AND L6
L9      42982 S L7 OR L8
L10     1435 S HUMAN(A) L1
L11     955 S L3 AND L10
L12     239 S L9 AND L11
L13     188 DUP REM L12 (51 DUPLICATES REMOVED)
        E YU X/AU
L14     1849 S E3
        E MIRANDA M/AU
L15     1081 S E3
        E FRIDDLE C J/AU
L16     89 S E3-E6
L17     3007 S L14 OR L15 OR L16
L18     11 S L9 AND L17
L19     7 DUP REM L18 (4 DUPLICATES REMOVED)

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	Issue Date	Pages	Document ID	Title
1	20030710	174	US 20030129189 A1	Tumor necrosis factor-gamma
2	20030206	100	US 20030027284 A1	TUMOR NECROSIS FACTOR-GAMMA
3	20021017	164	US 20020150534 A1	Tumor necrosis factor-gamma
4	20021010	75	US 20020147162 A1	Methods of modulating angiogenesis by regulating the expression of pituitary tumor transforming gene (PTTG)
5	20020711	105	US 20020090683 A1	TUMOR NECROSIS FACTOR-GAMMA
6	20030729	96	US 6599719 B2	Nucleic acid molecules encoding tumor necrosis factor-gamma-alpha
7	20010807	27	US 6271210 B1	Antisense oligonucleotides for mitogen-activated protein kinases as therapy for cancer
8	19991228	27	US 6007991 A	Antisense oligonucleotides for mitogen-activated protein kinases as therapy for cancer

	L #	Hits	Search Text
1	L1	41950	kinase\$2
2	L2	376977	human
3	L3	13079	l1 same l2
4	L4	577156	clon\$3 or express\$3 or recombinant
5	L5	7554	l3 same l4
6	L6	101389	testis or carcinoma or kidn\$3 or intestin\$2
7	L7	23278	embryo\$2
8	L8	110787	l6 or l7
9	L9	1314	l5 same l8
10	L10	11356	yu.in.
11	L11	334	miranda.in.
12	L12	42	friddle.in.

	L #	Hits	Search Text
13	L13	11718	l10 or l11 or l12
14	L14	8	l9 and l13
15	L15	421	l1 and l13

	Issue Date	Pages	Document ID	Title
1	20031120	45	US 20030217383 A1	Stress-related polynucleotides and polypeptides in plants
2	20031120	83	US 20030215851 A1	Protein phosphatases
3	20031113	40	US 20030212258 A1	Novel secreted proteins and methods of using same
4	20031113	33	US 20030211582 A1	Human DNA Ligase III
5	20031113	41	US 20030211462 A1	Directionally cloned random cDNA expression vector libraries, compositions and methods of use
6	20031113	52	US 20030211039 A1	Method of diagnosing, monitoring, staging, imaging and treating colon cancer
7	20031106	14	US 20030208786 A1	Transgenic pig containing heat shock protein 70 transgene
8	20031106	11	US 20030208785 A1	Transgenic pig containing heat shock protein 70 transgene
9	20031030	120	US 20030204071 A1	109 human secreted proteins
10	20031030	74	US 20030204059 A1	Purification and characterization of cytotoxic lymphocyte maturation factor and monoclonal antibodies thereto
11	20031023	40	US 20030199561 A1	Boronic ester and acid compounds, synthesis and uses

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12	20031023	139	US 20030198975 A1	Proteins associated with cell growth, differentiation, and death
13	20031023	36	US 20030198947 A1	Hepatitis virus sentinel virus I (SVI)
14	20031023	173	US 20030198640 A1	Methods and compositions for treating inflammatory bowel diseases relating to human tumor necrosis factor-gamma-beta
15	20031016	33	US 20030195348 A1	CC chemokine receptor 5 DNA, new animal models and therapeutic agents for HIV infection
16	20031016	147	US 20030195346 A1	Secreted protein HEMCM42
17	20031016	17	US 20030194413 A1	Methods and compositions employing red rice fermentation products
18	20031002	66	US 20030186985 A1	Oxyiminoalkanoic acid derivatives

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20	20030925	328	US 20030181692 A1	207 human secreted proteins
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22	20030925	12	US 20030181502 A1	Methods of treating sepsis
23	20030925	17	US 20030180936 A1	Method for the purification, production and formulation of oncolytic adenoviruses
24	20030925	52	US 20030180817 A1	Method of diagnosing, monitoring, staging, imaging and treating colon cancer
25	20030925	46	US 20030180797 A1	Identification of ligands for a receptor family and related methods
26	20030918		US 20030175949 A1	Novel human kinase and polynucleotides encoding the same
27	20030918		US 20030175858 A1	186 human secreted proteins
28	20030918		US 20030175707 A1	Compositions and methods relating to prostate specific genes and proteins
29	20030918		US 20030175688 A1	Method for the purification and production of oncolytic adenoviruses
30	20030918		US 20030175208 A1	Neutrokin- $\alpha$ and neutrokin- $\alpha$ splice variant
31	20030911		US 20030170866 A1	Novel cyclin-selective ubiquitin carrier polypeptides
32	20030911		US 20030170203 A1	Death domain containing receptors
33	20030904		US 20030166889 A1	Novel human kinases and polynucleotides encoding the same

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35	20030904		US 20030166864 A1	Human tumor necrosis factor delta and epsilon
36	20030904		US 20030165923 A1	Method for identification of genetic markers
37	20030904		US 20030165540 A1	Sentinel virus II
38	20030821		US 20030157481 A1	Diagnosing and treating cancer cells using T-HR mutants and their targets
39	20030807		US 20030148520 A1	Cell-specific adenovirus vectors comprising an internal ribosome entry site
40	20030807		US 20030148335 A1	Detecting targets by unique identifier nucleotide tags
41	20030807		US 20030148276 A1	Method for identification, separation and quantitative measurement of nucleic acid fragments
42	20030731		US 20030144492 A1	101 human secreted proteins
43	20030710		US 20030131386 A1	Stress-induced polynucleotides
44	20030710		US 20030131015 A1	Method and apparatus for computer automated detection of protein and nucleic acid targets of a chemical compound
45	20030710		US 20030129605 A1	Immunostimulatory activity of CpG oligonucleotides containing non-ionic methylphosphonate linkages
46	20030710		US 20030129593 A1	Process for producing multiple oligonucleotides on a solid support
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49	20030703		US 20030124569 A1	Secretory molecules
50	20030626		US 20030120035 A1	Linkers and co-coupling agents for optimization of oligonucleotide synthesis and purification on solid supports
51	20030626		US 20030119789 A1	Compositions and methods for treating autoimmune disease
52	20030619		US 20030115639 A1	Expressed sequences of arabidopsis thaliana
53	20030619		US 20030114646 A1	Human cystatin F
54	20030619		US 20030114470 A1	Crystalline forms of valacyclovir hydrochloride
55	20030612		US 20030108999 A1	Cell having amplified signal transduction pathway responses and uses therefor
56	20030605		US 20030105297 A1	Secreted protein HEMCM42
57	20030605		US 20030105068 A1	Organometallic complex
58	20030605		US 20030104473 A1	Common ligand mimics: benzimidazoles
59	20030529		US 20030100074 A1	Methods and compositions for treating metabolic bone diseases relating to human endokine alpha
60	20030522		US 20030096827 A1	Compounds useful as modulators of melanocortin receptors and pharmaceutical compositions comprising same
61	20030522		US 20030095953 A1	METHODS OF REVERSING DRUG RESISTANCE IN CANCER CELLS

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62	20030515		US 20030093837 A1	Polynucleotides for seed trait alteration
63	20030515		US 20030092893 A1	Secreted protein HEMAE80
64	20030515		US 20030092732 A1	Compounds useful as modulators of melanocortin receptors and pharmaceutical compositions comprising same
65	20030515		US 20030092120 A1	Novel human K <sup>+</sup> ion channel and therapeutic applications thereof
66	20030515		US 20030091999 A1	Compositions and methods for identifying polypeptides and nucleic acid molecules
67	20030515		US 20030091538 A1	Adenovirus vectors specific for cells expressing androgen receptor and methods of use thereof
68	20030508		US 20030088884 A1	Mammalian relaxin receptors
69	20030508		US 20030087378 A1	Novel human K <sup>+</sup> ion channel and therapeutic applications thereof
70	20030508		US 20030087377 A1	Novel human K <sup>+</sup> ion channel and therapeutic applications thereof
71	20030501		US 20030083261 A1	Class of 12mer peptides that inhibit the function of the mitotic check point protein Mad2
72	20030501		US 20030082160 A1	Differentiation of whole bone marrow

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74	20030424		US 20030077735 A1	Novel human Kchannel and therapeutic applications thereof
75	20030417		US 20030072715 A1	Cyclic polyamine compounds for cancer therapy
76	20030410		US 20030069297 A1	4-aryl substituted indolinones
77	20030410		US 20030069267 A1	Modulators of protein tyrosine phosphatases (PTPases)
78	20030410		US 20030068672 A1	Mu opioid receptor methods
79	20030410		US 20030068624 A1	Compositions and methods relating to lung specific genes and proteins
80	20030403		US 20030065160 A1	Secreted protein HEMAE80
81	20030403		US 20030064956 A1	Myeloglycan
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83	20030403		US 20030064472 A1	Stable episomal vectors

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86	20030327		US 20030061637 A1	Polynucleotides for root trait alteration
87	20030327		US 20030059893 A1	Isolated human secreted proteins, nucleic acid molecules encoding human secreted proteins, and uses thereof
88	20030320		US 20030055236 A1	Secreted protein HKABT24
89	20030320		US 20030054492 A1	Method of producing biologically active human acidic fibroblast growth factor and its use in promoting angiogenesis
90	20030320		US 20030054443 A1	90 human secreted proteins
91	20030313		US 20030050464 A1	Novel human proteases and polynucleotides encoding the same
92	20030313		US 20030050455 A1	64 human secreted proteins
93	20030313		US 20030049618 A1	186 human secreted proteins
94	20030313		US 20030049617 A1	Methods for diagnosing, monitoring, staging, imaging and treating lung cancer via lung cancer specific genes
95	20030313		US 20030049597 A1	Chimeric fluorescent enzymes and uses thereof

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96	20030306		US 20030046724 A1	Methods of transforming plants and identifying parental origin of a chromosome in those plants
97	20030306		US 20030046723 A1	TRANSGENIC PLANTS COMPRISING POLYNUCLEOTIDES ENCODING TRANSCRIPTION FACTORS THAT CONFER DISEASE TOLERANCE
98	20030306		US 20030045459 A1	67 Human secreted proteins
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100	20030306		US 20030044400 A1	Composition and method for treating cells
101	20030227		US 20030039986 A1	Compositions and methods relating to prostate specific genes and proteins
102	20030227		US 20030039983 A1	Compositions and methods relating to prostate specific genes and proteins
103	20030227		US 20030039955 A1	Compositions and methods for production of RNA viruses and RNA virus-based vector particles
104	20030213		US 20030032639 A1	Composition and method for reducing adverse interactions between phenothiazine derivatives and plasma using surfactants and amino acids
105	20030206		US 20030027989 A1	Mammary transforming protein
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107	20030206		US 20030027301 A1	Novel human transporter proteins and polynucleotides encoding the same
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109	20030206		US 20030027132 A1	Secreted Protein HODAZ50
110	20030130		US 20030023068 A1	Novel human growth factors
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113	20030123		US 20030017601 A1	Shuttle vectors
114	20030123		US 20030017468 A1	Compositions and methods relating to lung specific genes
115	20030116		US 20030013865 A1	Novel human EGF-family proteins and polynucleotides encoding the same
116	20030116		US 20030013108 A1	Novel RIP3 associated cell cycle proteins, compositions and methods of use
117	20030109		US 20030008365 A1	Novel human kinases and polynucleotides encoding the same
118	20030102		US 20030004324 A1	31 human secreted proteins

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119	20030102		US 20030003555 A1	90 human secreted proteins
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122	20021226		US 20020197596 A1	Phosphoprotein target for insulin and its antagonists
123	20021219		US 20020193585 A1	Novel human transporter proteins and polynucleotides encoding the same
124	20021219		US 20020193583 A1	Novel human proteases and polynucleotides encoding the same
125	20021219		US 20020192694 A1	Novel human hydroxylases and polynucleotides encoding the same
126	20021212		US 20020188965 A1	Methods of transforming plants
127	20021212		US 20020188212 A1	High throughput biological heart rate monitor that is molecularly determined
128	20021212		US 20020187949 A1	High throughput biological heart rate monitor that is molecularly determined
129	20021212		US 20020187948 A1	Implantation of biological pacemaker that is molecularly determined
130	20021205		US 20020183500 A1	Compositions and methods relating to lung specific genes and proteins
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135	20021121		US 20020173488 A1	Boronic Ester and acid compounds, synthesis and uses
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137	20021121		US 20020172957 A1	Compositions and methods relating to lung specific genes and proteins
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139	20021114		US 20020168359 A1	Human tumor necrosis factor receptor TR9
140	20021107		US 20020165398 A1	Modulators of protein tyrosine phosphatases (PTPases)
141	20021107		US 20020165187 A1	Novel human protease and polynucleotides encoding the same
142	20021107		US 20020164737 A1	Novel human kinase and polynucleotides encoding the same
143	20021107		US 20020164684 A1	Human tumor necrosis factor receptor TR9
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147	20021031		US 20020160964 A1	Conjugates comprising galactose alpha 1,3 galactosyl epitopes and methods of using same
148	20021031		US 20020160475 A1	Novel human ion channel protein and polynucleotides encoding the same
149	20021031	84	US 20020160388 A1	Compositions and methods relating to lung specific genes and proteins
150	20021024		US 20020156024 A1	Tocopherols, tocotrienols, other chroman and side chain derivatives and uses thereof
151	20021024		US 20020155609 A1	Monocyte-specific particulate delivery vehicle
152	20021024		US 20020155543 A1	Fibroblast growth factor-19 (FGF-19) nucleic acids and polypeptides and methods of use for the treatment of obesity and related disorders
153	20021024		US 20020155532 A1	Method of producing biologically active human acidic fibroblast growth factor and its use in promoting angiogenesis
154	20021017		US 20020151561 A1	Modulators of Protein Tyrosine Phosphatases (PTPases)
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160	20021010	21	US 20020147320 A1	Novel human kinase proteins and polynucleotides encoding the same
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162	20021010		US 20020147149 A1	Cytostatin III
163	20021010		US 20020146472 A1	Black tea extract for prevention of disease
164	20021003		US 20020142371 A1	REAGENTS AND METHODS USEFUL FOR DETECTING DISEASES OF THE URINARY TRACT
165	20020926		US 20020137714 A1	Modulation of immunostimulatory activity of immunostimulatory oligonucleotide analogs by positional chemical changes
166	20020926		US 20020136707 A1	Human glandular kallikrein enhancer, vectors comprising the enhancer and methods of use thereof
167	20020919		US 20020132998 A1	Novel human ion exchanger proteins and polynucleotides encoding the same
168	20020912		US 20020127674 A1	Novel human transporter protein and polynucleotides encoding the same
169	20020912		US 20020127651 A1	Human 4-1BB receptor splicing variant
170	20020912		US 20020127578 A1	Compositions and methods relating to prostate specific genes and proteins

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174	20020829		US 20020120117 A1	Human urothelial cell specific uroplakin transcriptional regulatory sequences, vectors comprising uroplakin-specific transcriptional regulatory sequences, and methods of use thereof
175	20020829		US 20020119540 A1	Novel human ion channel protein and polynucleotides encoding the same
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177	20020829		US 20020119522 A1	Novel human ion channel-related proteins and polynucleotides encoding the same
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179	20020829		US 20020119156 A1	Compositions and methods of diagnosing, monitoring, staging, imaging and treating lung cancer
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184	20020822		US 20020115838 A1	Novel human proteases and polynucleotides encoding the same
185	20020822		US 20020115204 A1	Novel human protease inhibitor proteins and polynucleotides encoding the same
186	20020822		US 20020115112 A1	Neutrokin-alpha and Neutrokin-alpha splice variant
187	20020815		US 20020111478 A1	Novel human ion channel protein and polynucleotides encoding the same
188	20020815		US 20020111325 A1	VEGI, an inhibitor of angiogenesis and tumor growth
189	20020815	18	US 20020110908 A1	Novel human kinases and polynucleotides encoding the same
190	20020815	39	US 20020110883 A1	Novel motor proteins and methods for their use
191	20020808	17	US 20020107382 A1	Novel human protease inhibitor proteins and polynucleotides encoding the same
192	20020808	16	US 20020107381 A1	Novel human proteases and polynucleotides encoding the same
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196	20020808		US 20020106323 A1	Natural killer cell enhancing factor C
197	20020801		US 20020103150 A1	Control of metabolism with human 2-oxoglutarate carrier
198	20020725		US 20020099198 A1	HUMAN ENDOKINE ALPHA
199	20020725		US 20020099073 A1	Modulators of protein tyrosine phosphatases (PTPases)
200	20020725		US 20020098515 A1	Cytostatin I
201	20020725		US 20020098170 A1	Herpes simplex virus type 1 (HSV-1)-derived vector for selectively inhibiting malignant cells and methods for its use to treat cancer and to express desired traits in malignant and non-malignant mammalian cells
202	20020711	105	US 20020090683 A1	TUMOR NECROSIS FACTOR-GAMMA
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207	20020627		US 20020082409 A1	Stresscopins and their uses
208	20020627	14	US 20020082407 A1	Novel human GABA receptors and polynucleotides encoding the same
209	20020627	13	US 20020082390 A1	Novel human GABA transporter protein and polynucleotides encoding the same
210	20020627		US 20020081647 A1	APOPTOSIS INDUCING MOLECULE II AND METHODS OF USE
211	20020627		US 20020081296 A1	Methods and compositions of matter concerning APRIL/G70, BCMA, BLYS/AGP-3 and TACI
212	20020627		US 20020081288 A1	Superoxide dismutase-4
213	20020613		US 20020072124 A1	Methods of manufacturing reagent test strips
214	20020613		US 20020072091 A1	Death domain containing receptor 5
215	20020606		US 20020068307 A1	Compositions and methods for diagnosing, monitoring, staging, imaging and treating stomach cancer
216	20020530		US 20020064869 A1	APOPTOSIS INDUCING MOLECULE II
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219	20020516		US 20020059663 A1	Expressed sequences of arabidopsis thaliana
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221	20020516		US 20020058307 A1	20 Human secreted proteins
222	20020502		US 20020052476 A1	Human cystatin E
223	20020502		US 20020051974 A1	PCR ASSAY
224	20020418		US 20020045218 A1	Recombinant microorganism expressing an antigenic protein, adhesin
225	20020418		US 20020044919 A1	Combinations and methods for treating neoplasms
226	20020404	43	US 20020040490 A1	Expressed sequences of arabidopsis thaliana
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229	20020307		US 20020028852 A1	Resveratrol analogs for prevention of disease
230	20020221		US 20020023281 A1	Expressed sequences of arabidopsis thaliana
231	20020221	44	US 20020023280 A1	Expressed sequences of arabidopsis thaliana
232	20020214		US 20020018990 A1	REAGENTS AND METHODS USEFUL FOR DETECTING DISEASES OF THE BREAST
233	20020117		US 20020006403 A1	CD28-specific antibody compositions for use in methods of immunosuppression
234	20020103		US 20020002199 A1	MODULATORS OF PROTEIN TYROSINE PHOSPHATASES (PTPASES)
235	20020103		US 20020002169 A1	Protein kinase inhibitors
236	20020103		US 20020001830 A1	SHUTTLE VECTORS
237	20011129		US 20010046680 A1	Identification of polypeptides and nucleic acid molecules using linkage between DNA and polypeptide
238	20011122	35	US 20010044940 A1	Expressed sequences of arabidopsis thaliana
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240	20011025		US 20010034018 A1	Hepatitis virus sentinel virus I (SVI)



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242	20010816		US 20010014465 A1	Human 4-1BB receptor splicing variant
243	20010809		US 20010012624 A1	HUMAN NATURAL KILLER CELL ACTIVATING FACTOR II
244	20031111		US 6645998 B2	Tocopherols, tocotrienols, other chroman and side chain derivatives and uses thereof
245	20031111		US 6645766 B2	Shuttle vectors
246	20031104		US 6642026 B2	Method of producing biologically active human acidic fibroblast growth factor and its use in promoting angiogenesis
247	20031028		US 6638736 B1	Human K <sup>+</sup> ion EAG channels
248	20031021		US 6635743 B1	Apoptosis inducing molecule II and methods of use
249	20031021		US 6635740 B1	Ligand/lytic peptide compositions and methods of use

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253	20031007		US 6630613 B1	Transgenic animals and lats genes
254	20030909		US 6617324 B1	Substituted pyrazoles as p38 kinase inhibitors
255	20030909		US 6617317 B1	Boronic ester and acid compositions
256	20030909		US 6617132 B2	Human cystatin E polynucleotides
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260	20030812		US 6605629 B1	Neurotrophin production secretion promoting agent
261	20030729	96	US 6599719 B2	Nucleic acid molecules encoding tumor necrosis factor-gamma-alpha
262	20030715		US 6593125 B2	Human kinases and polynucleotides encoding the same
263	20030708		US 6590075 B2	Secreted protein HODAZ50
264	20030701		US 6586230 B1	Human kinase and polynucleotides encoding the same
265	20030624		US 6583112 B1	Gene products related to werner's syndrome
266	20030617	75	US 6579710 B2	Human kinases and polynucleotides encoding the same
267	20030610		US 6576745 B1	Human cystatin F antibodies
268	20030610		US 6576644 B2	Quinoline inhibitors of cGMP phosphodiesterase
269	20030513		US 6562579 B1	Diagnostic methods using antibodies to Neutrokine-alpha

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271	20030415		US 6548668 B2	Boronic ester and acid compounds, synthesis and uses
272	20030408		US 6545009 B1	Retinoid-related receptor function regulating agent
273	20030408	74	US 6544766 B1	Human kinesins and methods of producing and purifying human kinesins
274	20030401		US 6541224 B2	Tumor necrosis factor delta polypeptides
275	20030311		US 6531447 B1	Secreted protein HEMCM42
276	20030304		US 6528633 B2	Cyclin-selective ubiquitin carrier polypeptides
277	20030225		US 6525174 B1	Precerebellin-like protein
278	20030225		US 6525059 B1	Substituted pyrazoles as p38 kinase inhibitors
279	20030218		US 6521742 B2	Human endokine alpha
280	20030211		US 6519611 B1	Method and apparatus for computer automated detection of protein and nucleic acid targets of a chemical compound
281	20030211	27	US 6518259 B1	Compositions for treating autoimmune disease

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282	20030204		US 6514977 B1	Substituted pyrazoles as p38 kinase inhibitors
283	20030128	27	US 6511840 B1	Human kinase proteins and polynucleotides encoding the same
284	20030121		US 6509459 B1	Base protecting groups and rapid process for oligonucleotide synthesis
285	20030121		US 6509170 B1	Polynucleotides encoding human tumor necrosis factor delta
286	20030114		US 6506882 B2	Antibodies that bind tumor necrosis factor delta
287	20030107		US 6503743 B1	Isolated nucleic acid encoding a human lactate dehydrogenase and uses thereof
288	20021217		US 6495581 B1	Oxyiminoalkanoic acid derivatives
289	20021217		US 6495520 B2	Apoptosis Inducing Molecule II and methods of use

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290	20021217		US 6495130 B1	Target cell-specific adenoviral vectors containing E3 and methods of use thereof
291	20021203		US 6489537 B1	Phytochelatin synthases and uses therefor
292	20021119		US 6482922 B2	Mammary transforming protein
293	20021112		US 6479254 B2	Apoptosis inducing molecule II
294	20021015		US 6465433 B1	Boronic ester and acid compounds, synthesis and uses
295	20021001		US 6458833 B1	Organometallic complex
296	20021001		US 6458567 B1	Hepatitis C Virus ribozymes
297	20020910		US 6448388 B1	Human proteases and polynucleotides encoding the same

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298	20020910		US 6448044 B2	DNA encoding human natural killer cell activating factor II
299	20020903		US 6444429 B1	Gene coding for DNA ligase of hyperthermophilic bacteria Aquifex pyrophilus and protein expressed therefrom
300	20020820		US 6436394 B1	Adenovirus vectors specific for cells expressing androgen receptor and methods of use thereof
301	20020813		US 6432959 B1	Inhibitors of farnesyl-protein transferase
302	20020813		US 6432700 B1	Adenovirus vectors containing heterologous transcription regulatory elements and methods of using same
303	20020806		US 6428980 B1	Nucleic acids encoding RIP3 associated cell cycle proteins

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304	20020723		US 6423713 B1	Substituted pyrazoles as p38 kinase inhibitors